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► **To cite this version:**

Liliane Haegeman, Lieven Danckaert. Multiple subjects in Flemish: the external possessor. Rhys, Catrin S.; Iosad, Pavel; Henry, Alison. *Microvariation, minority languages, minimalism and meaning: proceedings of the Irish Network in Formal Linguistics*, Cambridge Scholars Publishing, pp.2-23, 2013, 9781443850360. halshs-01534949

**HAL Id: halshs-01534949**

**<https://shs.hal.science/halshs-01534949>**

Submitted on 8 Jun 2017

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# Multiple subjects in Flemish: the external possessor

Liliane Haegeman & Lieven Danckaert  
Ghent University

## Abstract

In this paper, we give an overview of the main properties of some novel data from Flemish, which involve a possessor DP that appears separated from the possessee with which it is associated. We refer to this phenomenon as the 'external possessor': we show that both the high possessor and the lower possessee have a number of properties that are usually associated with subjects: this will lead us to the claim that both are hosted in separate subject positions. The external possessor pattern described here sheds new light on the structure of the (high) middle field of Flemish embedded clauses.

## 1. Presentation of the data

### 1.1 The External Possessor

The basic data we will be concerned with is a marked word order pattern available in a number of Flemish dialects, which involves a possessor DP which is separated from the *possesum* by an intervening temporal adjunct. The basic data are exemplified in (1-2):

- (1) a dat [Jehan [**zenen** kleenen]] toen juste in de klinieke was.  
that Jehan his little then just in the hospital was  
'... that just then John's little one was in hospital.'
- b % dat [Jehan] toen juste [**zenen** kleenen] in de klinieke was.  
that Jehan then just his little in the hospital was  
'... that just then John had his little one in hospital.'
- (2) a dat [men moeder [**euren** pols]] toen juste in de ploaster zat.  
that my mother her wrist then just in the plastercast sat  
'... that just then my mother's wrist was in a plaster cast.'
- b % dat [men moeder] toen juste [**euren** pols] in de ploaster zat.  
that my mother then just her wrist in the plaster sat  
'... that my mother just then had her wrist in a plastercast.'

In the a-sentences in (1-2), the subject is a complex DP (bracketed) consisting of a possessor (leftmost) and a possessee, which is introduced by a possessive pronoun (in boldface). The pattern is referred to as possessor doubling (Haegeman 2004a). The entire DP containing possessor and *possesum* sits to the left of the temporal adjunct *toen juste* 'just then' (underscored), right adjacent to the complementizer, which is the canonical subject position in Flemish. As will be shown in section 2, the complex possessor-possessee forms a constituent: for this reason, we could call the possessor in (1a-2a) an 'internal' possessor (cf. Vergnaud & Zubizarreta 1992).

The b-sentences on the other hand show a pattern in which the possessor and the possessee are separated by the adjunct. The possessee appears, somewhat surprisingly, in a position below the adjunct. We will call this pattern the external possessor (cf. Vergnaud & Zubizarreta 1992). Schematically, the structure of the internal and external possessor pattern could be represented as in (3):

- (3) a Internal possessor:  
       C [TP [DP possessor *possessum*] adjunct       ...  
 b External possessor:  
       % C [TP [DP possessor] adjunct   [DP *possessum*] ...

As suggested by the bracketing while the internal possessor forms a constituent with the *possessum* (see also section 2.1.1.), the external possessor and the *possessum* do not form a constituent. For instance, while the the possessor and the *possessum* in (1a) can be right dislocated (1c), this is not possible in (1b):

- (1) c dat je<sub>i</sub> toen juste in de klinieke was, [Jehan zenen kleenen]<sub>i</sub>.  
       that-he then just in the hospital was, Jehan his little one  
       ‘... that he just then was in hospital, John’s little one.  
 d \*dat je in de klinieke was, Jehan toen juste zenen kleenen.  
       that-he in the hospital was, Jehan then just his little one

Crosslinguistically, the phenomenon of external possession (in a very broad sense) is very common (see for instance Szabolcsi 1983, 1994 (on Hungarian), Chinese (Xu 2004-'5; Hsu 2009) and the contributions in Payne & Barshi 1999), but the Flemish data have thus far received very little attention<sup>1</sup>.

Our contribution is organized as follows. In the remainder of section 1, we will highlight some important features that characterize the Flemish external possessor. Section 2 provides some background about the syntax of possession in Flemish DPs. Section 3 is devoted to the syntactic analysis of the split possessor pattern. We show that both the external possessor and the lower *possessum* DP have subject properties. We will propose that both the higher and the lower DP are hosted in a TP-internal dedicated subject position.

## 1.2 Some salient properties of the external possessor

First of all, some remarks about the regional distribution and acceptability of the EP are in order. The pattern is accepted both in some regional dialects and in the so called *tussentaal*, the informal regiolect that is used across Flanders. Asked whether utterances like the b-examples in (1-2) would be acceptable in their dialect or in an informal regiolect, 14 out of 24 Flemish informants accepted the pattern in sharp contrast to Dutch speakers from the Netherlands who uniformly reject the pattern.

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<sup>1</sup> For a first discussion, see Haegeman & Van Koppen (2011).

However, there is much variation in acceptance among Flemish speakers and at this stage this variation is not clearly linked to a specific regional dialect. The external possessor pattern was accepted by 6 out of 9 West Flemish informants, by 6 out of 10 East Flemish informants, by 1 out of 4 Brabant informant, and by one bilingual (Flemish-French) speaker with West Flemish background; an informant from Antwerp rejected the pattern. Some speakers who reject the pattern do admit that it sounds like something that is possible in other dialects, and associate it with West Flemish. Speakers who do not accept the pattern do share (some of) the judgements discussed below.

Second, unlike comparable phenomena in French (Vergnaud & Zubizarreta 1992; Guéron 2006) and German (Burrige 1990; Hole 2006; Lee-Schoenfeld 2006), the Flemish external possessor requires the presence of a possessive pronoun in the DP that expresses the *possessum*. This is illustrated in the examples (4), where the determiner of the *possessum*-DP is an indefinite article rather than a possessive pronoun<sup>2</sup>.

- |     |   |      |              |                   |                     |                     |
|-----|---|------|--------------|-------------------|---------------------|---------------------|
| (4) | a | *dat | [Jehan]      | <u>toen juste</u> | [ <b>nen</b> zeune] | in de klinieke was. |
|     |   | that | Jehan        | then just         | <b>a</b> son        | in the hospital was |
|     | b | *dat | [men moeder] | <u>toen juste</u> | [ <b>nen</b> pols]  | in de ploaster zat. |
|     |   | that | my mother    | then just         | <b>a</b> wrist      | in the plaster sat  |

Because the external possessor pattern seems to depend on the possessor doubling pattern, we will elaborate briefly on the syntactic encoding of possession in Flemish DPs in section 2 below.

Third, the external possessor exhibits a number of properties which are usually attributed to subjects: the most conspicuous of these properties are (i) the ability of the external possessor to establish an agreement relation with a complementizer and (ii) the fact that (weak) indefinite possessor DPs can trigger insertion of the expletive *er*.

Fourth, there are significant restrictions of an interpretive nature on the external possessor, which do not (or in any case less strongly) apply to the internal possessor pattern. In general, external possessors are subject to a strong animacy requirement and they are always in some sense 'affected' by the event expressed by the TP. The subject-like behaviour and the interpretive nuances of the external possessors will be the subject of section 3. Finally, the external possessor is only available in subordinate clauses, finite and non-finite alike: in root clauses, the pattern is strongly degraded. For reasons of space, this point will not be addressed in this paper: the reader is referred to Haegeman & Van Koppen (2011) for an analysis.

We now turn to some background on the structure of Flemish DPs, concentrating on two different ways in which possessor-possessee relations can be expressed.

## 2. Background: possessor relations in the Flemish DP

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<sup>2</sup> At this point, it remains unclear to us why the external possessor phenomenon is only available when the *possessum* DP contains a doubling pronoun. We hope to return to this question in future research.

In the previous section, we saw that the split possessor pattern is only acceptable if the a possessive determiner is present in the *possessum*-DP (cf. the \* examples in (4)). However, as shown in the data in (5), not any possessive element can license the external possessor:

- (5) a dat [DP men moeder **sen** pols] toen juste in de ploaster zat.  
 that my mother *sen* wrist then just in the plastercast sat  
 ‘that just then my mother’s wrist was in a plaster cast.’  
 b \*dat [DP men moeder] toen juste [DP **sen** pols] in de ploaster zat.  
 that my mother then just *sen* wrist in the plaster sat

In the example in (5a), the subject is a complex DP containing the prenominal 'genitive' marker *se(n)*, which resembles the Saxonian genitive in English. (5b) shows that the *sen*-element does not allow allow the split possessor pattern.

## 2.1 Prenominal possessors in (West) Flemish: a brief survey

The two basic ways in which a relation between a possessor and a possessee can be expressed in (West) Flemish are exemplified in (6):

- (6) a Valère *sen* hoed DP + *sen* + NP = ‘prenominal genitive’  
 Valère *sen* hat  
 b (Valère) zenen hoed (DP) + poss.pronoun + NP = ‘prenominal doubling’  
 (Valère) his hat

### 2.1.1 Some similarities

Before we look at the differences between (6a) and (6b), it should be pointed out that the genitival and the doubling pattern have two important characteristics in common. First of all, the complex 'possessor-possessee' form a single constituent. For instance, both can fill the preverbal slot in a verb second clause:

- (7) a [DP Lieven *sen* computer] is weeral kapot.  
 Lieven *sen* computer is again broken.  
 b [DP Lieven zijnen computer] is weeral kapot.  
 Lieven his computer is again broken.  
 'Lieven's computer is broken again.'

Second, both the *sen*-genitive and the doubling pattern are subject to a generalized animacy restriction: the prenominal possessor DP cannot refer to an inanimate object<sup>3</sup>:

- (8) a \*[die deure] eur klinke c \*[die deure] se klinke  
 that door her latch that door *sen* latch

<sup>3</sup> In Flemish, relations of possession in which the possessor is inanimate can be expressed by means of a PP headed by *van* 'of':

- (i) de klink [van [de deur]]  
 the latch of the door

- b \**[dienen rok] zenen zuom*                      d \**[dienen rok] sen zuom*  
     that skirt his hemline                              that skirt *sen* hemline

### 2.1.2 Differences between the two patterns

However, the two patterns also differ along a number of dimensions. A first difference is that the *sen*-element is invariant, irrespective of the gender and number of the *possessum* DP it precedes (9b). On the other hand, the doubling possessive determiner displays agreement with the DP it modifies (9a):

(9)

	MASC SG	FEM SG	NEUT SG
a	Marie <u>eur</u> en-hoed Marie her.M.SG hat	Marie eur veste Marie her jacket	Marie eur kleed Marie her dress
b	Marie sen hoed Marie <i>sen</i> hat	Marie sen veste Marie <i>sen</i> jacket	Marie se kleed Marie <i>sen</i> dress

Second, the *se(n)*-genitive cannot appear with ellipsis of the head noun (10b-c). NP-ellipsis is possible after a doubling possessive determiner, be it only if a definite article is inserted between the possessor and its doubling pronominal (11b).

- (10) a Marie se boeken  
       Marie *se* books  
       b \*(de) Marie sen  $\emptyset$   
       c \*Marie de sen  $\emptyset$
- (11) a Marie eur boeken  
       Marie her books  
       b Marie d'eure  $\emptyset$   
       Marie de her+*e*  
       c \*Marie eur  $\emptyset$   
       d \*de Marie eure  
       e \* Marie eure

Third, the *sen*-genitive has a more restricted syntactic distribution: it cannot be used if the possessee is a plural. Such a restriction does not hold for the doubling pattern (12b):

- (12) a \**djungers sen hus*                      b *djungers under hus*  
       the.children *sen* house                      the.children their house  
       'the children's house'

Fourth, the possessor and *sen* need to be linearly adjacent, whereas a possessor can be separated from the *possessum* by a universal quantifier (14b). The fact that the examples in (13-14) involve topicalized direct objects occupying the first slot of a declarative verb second clause shows again that the possessor and the possessee are contained in a single constituent.

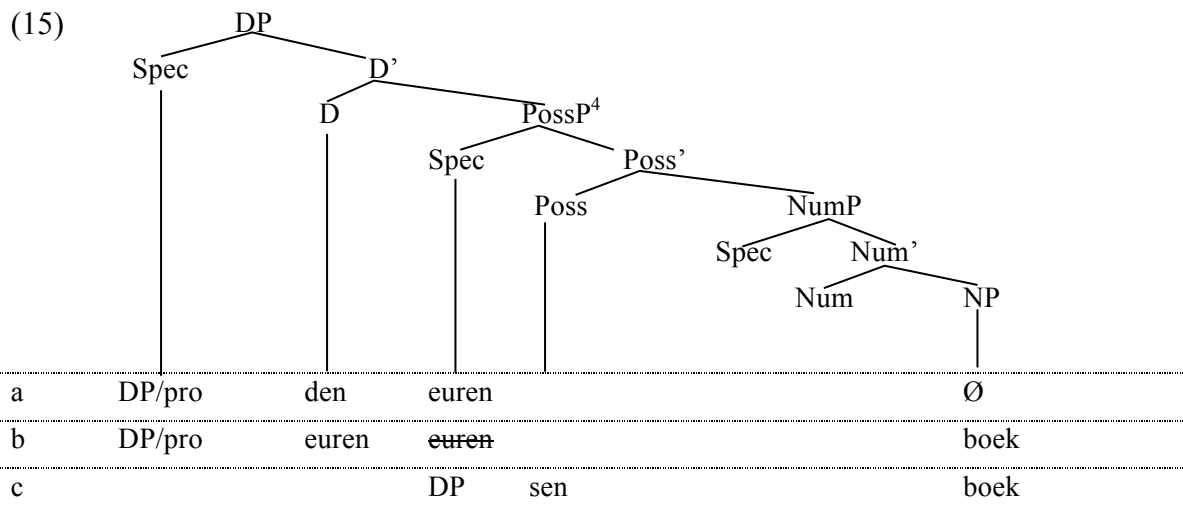
- (13) a [**AI** [Marie sen boeken]] een-k gezien.    Q Poss *sen* NP  
       all Marie *sen* books    have-I seen  
       b \**[Marie al sen boeken]* een-k gezien.    \*Poss Q *sen* NP  
       'All Marie's books I have seen.'
- (14) a [**AI** [Marie eur boeken]] een-k gezien    Q Poss *eur* NP

all Marie her books have-I seen  
 b [Marie **al** eur boeken] een-k gezien Poss Q *eur* NP  
 'All Marie's books I have seen.'

Other differences between the two patterns include the possibility of the possessor to be modified by deictic markers and appositive relative clauses: modification of this kind is only possible with possessors that come with a doubling pronoun. With the *sen* pattern the possessor can be reciprocal, this is not an option with the doubling pattern (cf. Haegeman 2004b). For reasons of space, these phenomena are not illustrated here.

## 2.2 Summary

The representation in (15), based on Haegeman (2004a), tries to capture the syntactic differences between the two possessor constructions. In line with much work on the syntax of possessors, a specialized functional projection 'PossP' is postulated in the extended projection of the NP which heads the containing DP:



According to Haegeman (2004a), the main syntactic difference between the two possible ways of expressing possession relations in Flemish DPs is the position the possessor DP occupies in the functional structure of the complex DP. In the *sen*-pattern, the possessor sits in Spec, PossP, fairly deeply embedded in the entire structure. On the other hand, the possessor occurs in a higher position in the doubling pattern, say in Spec, DP<sup>5</sup>.

<sup>4</sup> Possibly the possessor in Spec, PossP originates in a lower position, for instance as a predicate of a small clause (cf. den Dikken 1998). PossP can perhaps be compared to the clausal SubjP (Rizzi 2004, Rizzi & Shlonsky 2005, Tortora & den Dikken 2010).

<sup>5</sup> However, it is probably not the case that the doubling possessor sits in a DP-internal TopP or FocP (on TopP and FocP in DP, see Giusti 1996 and Aboh 2004). The possessor is in no sense emphatic or contrastive, which makes FocP an unlikely option. Moreover, bare quantifiers, which are known to be 'unlikely' topics (see Rizzi 1997), can occur as possessor in the doubling pattern:

- (i) Dat zijn [niemand zen zaken].  
 that are no.one his businesses  
 'Those are no one's affairs.'

### 3. The syntax of the Flemish external possessor

We now return to the external possessor, and we start our discussion by showing that both the *possessum* and the external possessor behave in various ways as subjects.

#### 3.1 Subject properties of the possessum

First of all, and most prominently, the possessum DP invariably show agreement with the finite verb, which by assumption is encoded in the T-node in the clausal spine:

- (16) a dat [Valère] toen juste [zen ouders] niet in Gent woaren/\*was.  
 that.SG Valère then just his parents not in Gent were.PL/\*was.SG.  
 ‘that just then Valère’s parents weren’t in Ghent.’  
 b dat [Valère] tegenwoordig [zen twee GSM’s] atent an stoan/\*stoat.  
 that.SG Valère these days his two mobiles always on stand.PL/\*stand.SG.  
 ‘that nowadays Valère’s two mobile phones are always switched on.’

Furthermore, while a direct object containing a possessor doubling pattern can be A'-extracted (17a) across a subject, the *possessum* cannot be extracted across the external possessor (17b-c). Though we cannot go into the details of extraction here, it is tempting to interpret the contrast between (17a) and (17c) in terms of an object/subject asymmetry.

- (17) a t'Is [Valère zenen sloapkoamer]<sub>i</sub> dan ze toen juste t<sub>i</sub> gingen schilderen  
 It is Valère his bedroom that they then just went redecorate  
 ‘It’s Valère’s bedroom that they were going to redecorate.’  
 b da Valère toen juste [zenen sloapkoamer] geschilderd was  
 that Valère then just his bedroom redecorated was  
 ‘... that just then Valère’s bedroom was being redecorated’  
 c \*t'Is [zenen sloapkoamer]<sub>i</sub> da Valère toen juste t<sub>i</sub> geschilderd was.  
 It is his bedroom that Valère then just redecorated was

#### 3.2 Subject properties of the possessor

As hinted at above, the external possessor also behaves in some ways like a subject. First, some speakers allow a nominative pronoun as the external possessors:

- (18) a %? dat [zie ier] toen juste [eur scheerapparaat] kapot was.  
 that she.NOM here then just her razor broken was  
 b %?? da-n [zunder doar] toen juste [underen computer] kapot was.  
 that.PL they.NOM there then just their computer broken was

Although pronominal external possessors bearing nominative case are always marginal at best (they are most acceptable if modified by a deictic marker like *ier* 'here' and *doar* 'there'), they are definitely better than pronouns bearing dative case, which are completely unacceptable both as an internal (not illustrated) and as external (cf. (19)) possessor:

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The nature of the position occupied by the doubling possessor remains to be clarified. Haegeman (2004a) suggests it is similar to the initial position in a subject initial V2 clause.



- (19) a \*dat [eur ier] toen juste [eur scheerapparaat] kapot was.  
 that.SG her.DAT here then just her razor broken was  
 b \*dat/da-n [under ier] toen juste [underen computer] kapot was.  
 that.SG/that.PL them.DAT here then just their computer broken was

This is not because realization of dative case is no longer available and/or problematic in West Flemish<sup>6</sup> (cf. (20b)):

- (20) a da [dienen GSM] Marie nie anstond  
 that that mobile Marie not on.stood  
 ‘that that mobile did not please Marie’  
 b da [dienen GSM] eur niet anstond  
 that that mobile her.DAT not on.stood  
 c \*??da[dienen GSM] ze niet anstond  
 that that mobile her.ACC not on.stood  
 ‘that that mobile did not please her’

Finally, in West Flemish as well as in many other Flemish varieties, indefinite external possessors give rise to insertion of the expletive element *er* (which is roughly equivalent to the English *there*-expletive) (21a). *Er*-insertions is typically triggered by indefinite subjects (cf. Haegeman 2004a for more discussion). The indefinite subject in (21b) triggers *der*-insertion, the indefinite object in (21c) does not. A subject containing an indefinite possessor also triggers *er*-insertion (cf. Haegeman 2004a) (21d). Observe that it is not possible that (*d*)*er*-insertion in (21a) is triggered by the lower DP *underen GSM* ‘their mobile phone’, since DPs containing a possessive determiner without an indefinite doubling possessor qualify as definite and thus not able to give rise to *er*-insertion (cf. (21e)).

- (21) a dan \*(der) [veel studenten] atent [underen GSM] af stoat  
 that.PL there many studenten always their.MSG mobile off stands  
 b dan \*(der) veel studenten underen GSM atent afzetten  
 that \*(there) many students their.M.SG mobile always off.switch  
 c dat (\*er) Lieven veel studenten eet  
 that (\*er) Lieven many students has  
 d dat \*(er) [veel studenten underen GSM] atent af stoat  
 that.SG there many studenten their.M.SG mobile always off.stands  
 e dat \*(der) underen GSM atent af stoat  
 that (\*there) their mobile always off.stands

Third, further evidence for the subject-like quality of the external possessor comes from dialects which display the phenomenon of Complementizer Agreement (CA), like West Flemish (see also Haegeman & Van Koppen 2011). In the canonical case, West Flemish complementizer agreement *qua* number targets the subject, i.e. the external argument that also controls agreement on the finite verb:

<sup>6</sup> This is contrary to much of the literature in which it is proposed that Flemish dialects no longer have the dative case.

- (22) a 'k peinzen da-n/\*da die venten Marie kenn-en.  
 I think that.PL/that-SG those men Marie know.PL  
 'I think that those men know Marie.'  
 b 'k peinzen da/ \*da-n dienen vent Marie kenn-t.  
 I think that.SG/that-PL that man Marie know.SG  
 'I think that that man knows Marie.'

Note that CA is not simply dependent on an adjacency requirement (contra Ackema & Neeleman 2004; Miyagawa 2009). To the extent that a (scrambled/focused) object DP can (very marginally, cf. ?? (23b)) intervene between C and the subject DP, CA targets the non-adjacent subject DP (23b) and, crucially, it cannot target the intervening object DP (23c).

- (23) a 'k peinzen da **zelfs Valère** zukken boeken niet leest.  
 I think that.SG even Valère such books not reads  
 b ?? 'k peinzen da zukken boeken **zelfs Valère** niet leest.  
 I think that.SG such books even Valère not reads  
 c \* 'k peinzen da-n zukken boeken **zelfs Valère** niet leest.  
 I think that.PL such books even Valère not reads

Interestingly, CA is controlled by external possessors. Such is the case in (24a), in which the complementizer agrees with the plural external possessor rather than with the singular possessum, which itself induces number agreement on the finite verb:

- (24) a omda-n/\*omdat [André en Valère] toen juste gebeld oan/\*oat.  
 because.PL/because.SG André and Valère then just phoned had.PL/\*SG  
 '...because André and Valère called just then.'  
 b omda-n/\*omdat [André en Valère] toen juste [**underen** computer] kapot  
 because.PL/\*because.SG André and Valère then just their computer broken  
 was/\*woaren.  
 was.SG/were.PL  
 '...because André and Valère's computer broke down just then.'

However, it should be pointed out that the external possessor is not dependent on (= licensed by) CA (*pace* Haegeman & Van Koppen 2011). This can be seen in non-finite (infinitival) clauses, in which CA can never occur but which are nevertheless compatible with the external possessor pattern:

- (25) a Mee Valère toen juste nen nieuwen oto gekocht te een...  
 With Valère then just a new car bought to have  
 b Mee [Valère] toen juste [**zenen** computer] kapot te zyn...  
 With Valère then just his computer broken to be

### 3.3 Interpretive features of the external possessor

The external possessor is always in some sense affected by the event (or more precisely the state resulting from the event) expressed in the proposition. Moreover, there is a very strong

requirement for the split possessor to be alive at the time the event or state expressed in the clause takes/took place. Consider for instance the examples in (26), with an internal possessor in (26a) and an external one in (26b):

- (26) a omdat [men grootvader zijn fiets] dan juist kapot was  
 because my grandfather his.M.SG bicycle then just broken was  
 '... because my grandfather's bike was broken just then.'
- b omdat [men grootvader] dan juist [**zijn** fiets] kapot was  
 because my grandfather then just [his bicycle] broken was  
 '... because my grandfather had just then his bike broken.'

For all speakers that we consulted, (26b) can only be uttered felicitously if grandfather was alive at the moment his bike was broken. In addition, the sentence also implies that the broken bike is not just any bike owned by grandfather, it is his 'personal' bike, the one he uses daily<sup>7</sup>. (26a) on the other hand could, at least for some speakers, also be used to refer to a bike inherited by one of grandfather's grandchildren after the grandfather himself has died.

Observe that the ban on the dead external possessor is much stronger than the animacy constraint on possessor doubling and possessive pronouns that we discussed above (section 2.1, cf. the examples in (8)). There is no general ban on a dead possessor in the internal possessor pattern with pronominal doubling, as witnessed by the (attested) example in (27b):

- (27) a [Zijn auto] werd gevonden aan de kaai.  
 'His car was found on the quay.'
- b Voorbijgangers hebben woensdagmiddag in Hemiksem het lichaam van L.B. aangetroffen in de Schelde. De man verdween in de nacht van 1 op 2 april. De doodsoorzaak ligt nog niet vast. [L.B. zijn auto] was eerder al gevonden aan de Scheldekaaien in Antwerpen.  
 ([http://www.nieuwsblad.be/article/detail.aspx?articleid=DMF20110413\\_153](http://www.nieuwsblad.be/article/detail.aspx?articleid=DMF20110413_153))  
 'Wednesday afternoon, passers-by found the dead body of L.B. in the river Scheldt. The man had disappeared in the night of 1 and 2 April. The cause of his death is yet to be determined. [L.B. his car] had been found earlier at the Scheldekaaien in Antwerp.'
- c omdat [L.B. zijn auto] gisteren al gevonden is  
 because L.B. his.M.SG car yesterday already found is

However, the external possessor would be completely unacceptable in this context:

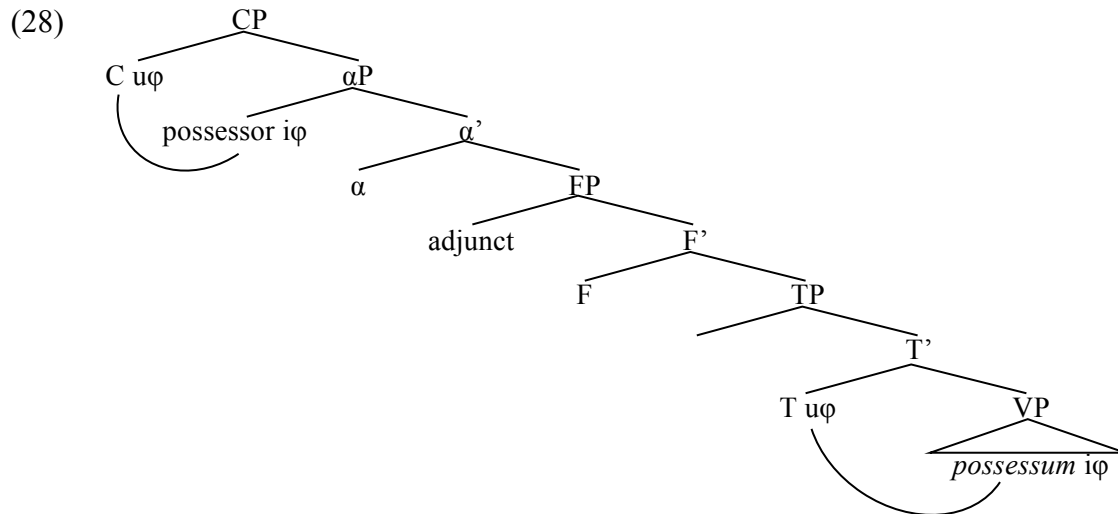
- d \*omdat [L.B.] gisteren [**zijn** auto] gevonden is  
 because L.B. yesterday his.M.SG car found is

We now turn to the closing section of the paper, in which we will argue that the external possessor is located in a high TP-internal argument position with subject properties. Our conclusion supports a line of research that distinguishes more than one subject position in the clausal spine (see Henry 1995 on Hiberno English; É. Kiss 1996; Cardinaletti 1997, 2004; McCloskey 1997 and den Dikken & Tortora 2010).

<sup>7</sup> Cf. the extended use of the term 'inalienable possession' in Vergnaud & Zubizarreta (1992).

### 3.4 A high subject position

In a first analysis of the Flemish external possessor data, Haegeman & Van Koppen (2011) proposed the following structure, in which the high possessor is located in a projection labelled  $\alpha$ P (inspired by Miyagawa 2009).



One central question that remains is to identify the exact nature of  $\alpha$ P? Recall that we would like to capture both the syntactic (subject-like) properties of the external possessor and its interpretive characteristics.

#### 3.4.1 $\alpha$ P is not part of the clausal left periphery

First of all, it is important to observe that the external possessor pattern is available in a wide range of embedded clauses (29), including those that are not normally compatible with root phenomena (Emonds 1976) or Main Clause Phenomena (Hooper & Thompson 1973), such as conditional clauses (29b), subject clauses (29c), relative clauses (29d,e) and infinitival *mee*-clauses (29b). Indeed, as shown by Haegeman & Van Koppen (2011) it is not available in root clauses.

- (29) a Het moest lukken dat [Valère] toen juist [**zijn** GSM] afstond.  
 It must happen that Valère then just his.M.SG mobile off.stood  
 ‘It so happened that just then Valère had his mobile switched off.’
- b Als [Valère] dan juist [**zijn** GSM] afstaat kunnen we hem niet bereiken.  
 if Valère then just his.M.SG mobile of.stands can we not him reach  
 ‘If at that time Valère has his mobile switched of, we won’t be able to get in touch.’
- c Da [Valère] toen juist [**zijn** GSM] afstond was toeval.  
 that Valère then just his.M.SG mobile of.stood was coincidence  
 ‘It was a coincidence that just then Valère had his mobile switched off.’
- d Dat was in de tijd dat [mijn broer] toen juist [**zijn** computer] kapot was.  
 that was in the time that my brother then just his.M.SG computer broken was.  
 ‘That was in the time that my brother’s computer was broken.’

- e Dat is die kliniek [waar da [mijn zus] verleden jaar [**haren** kleinen]  
 that is that hospital where that my sister last year her.M.SG little.M.SG  
 opgenomen was].  
 up.taken was  
 ‘that’s the hospital where my sister had her little one last year.’
- f. \*Valère stond toen juist zijn GSM af.  
 Valère stood then just his mobile off.

Since argument fronting typically qualifies as a Main Clause Phenomenon (see Haegeman 2006), the data in (29) strongly suggest that the external possessor is TP-internal rather than in a left peripheral/dislocated position. In the next section, we will work out the hypothesis that  $\alpha$ P is an A-position.

### 3.4.2 $\alpha$ P as an A-position

Evidence for A-status of Spec, $\alpha$ P comes first of all from the fact that the external possessor shows complementizer agreement, under the assumption that agreement relations are established in A-positions. Furthermore, there is a locality restriction on the relation between the external possessor and the possessum in that an external possessor DP cannot be associated with (extracted from?) a direct object across a subject. In (30a) the object DP contains a doubling possessor, but this possessor cannot be externalized and located above the subject DP

- (30) a omdat Valère toen juste [Marie euren computer] gerepareerd oat  
 because Valère then just Marie her computer repaired had  
 ‘because Valère just then had repaired Marie’s computer’
- b \*omdat [Marie]<sub>i</sub> Valère toen juste [**euren**<sub>i</sub> computer] repaired oat  
 because Marie Valère then just her computer repaired had

Whether the pattern in (30b) is derived through movement or not, one could reasonably think that the anaphoric dependency between the leftward possessor and the possessive determiner *euren* ‘her’ is blocked by the intervening subject DP *Valère*.

- (31) a C POSS subject object predicate  
 b \*C POSS subject object predicate
- 

Assuming that the external possessor is an A-position then the ungrammaticality of (31b) is ascribed to A-intervention.

- (32) \* A A A
- 

We could hypothesize that the split possessor DP is located in a dedicated SubjP, which is a canonical subject position in the high middle field, specialized to host ‘categorical’ subjects, typically full DPs (cf. Cardinaletti (2004) and Rizzi & Shlonsky (2005, 2006); see also Alexopoulou, Doron & Heycock (2004) on ‘broad subjects’). However, this analysis has the

drawback that it does not explain the 'affectedness' reading that is characteristic of the external possessor.

### 3.4.3 Accounting for the affectedness effect: a high ApplP?

An alternative line of reasoning would be to assume that the affectedness reading associated with the external possessor is the result of it being located in an applicative phrase: this would not only account for the idiosyncratic interpretive properties of the external possessor (we could consider those to be a lexical property of the applicative head), it also would explain why an additional argument can be present in the structure, without it being part of the selectional frame of the predicate of the clause.

A problem that immediately arises for such an analysis is the fact that the Flemish external possessor sits much higher than the ApplPs proposed in much recent work on the syntax of applicatives (see esp. Pylkkänen 2008): a low ApplP is usually taken to be located inside the verb phrase, whereas a high ApplP immediately dominates it. However, with Rivero (2009) and Rivero, Arregui & Frackowiak (2010) we could assume an ApplP which takes the entire TP as its complement, yielding a reading in which the applied argument is effected, which is exactly what we find in the case of the Flemish external possessor. The structure would be as in (33):

(33) [CP [ApplP DP<sub>POSS.OR</sub> [FP Adj [TP [<sub>v</sub>P DP<sub>POSS.EE</sub> ]]]]]

## 3.5 Remaining issues

There remain a number of issues that we have not dealt with in this paper. First, it remains to be determined whether the external possessor is merged directly in the high position (SubjP or ApplP) or whether it is extracted from the lower position containing the possessum DP. Moreover, it is not clear why the external possessor pattern should only be available in embedded clauses (as briefly mentioned in section 1.2, see Haegeman & Van Koppen 2011 for an analysis). For reasons of space we cannot develop these points here.

## 4. Conclusion

In this paper, we discussed the syntax of the Flemish external possessor construction. We showed that such an external possessor always occurs with a clausemate *possessum* DP, and that both of these constituents have subject properties. We concluded that the external possessor occupies a high argument position in the middle field, possibly an ApplP that takes the entire TP as its complement. Our analysis lends support to the idea that the notion of 'subject' is not a syntactic primitive, but that multiple positions for subjects are present in the clause, which under certain circumstances can be filled simultaneously.

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