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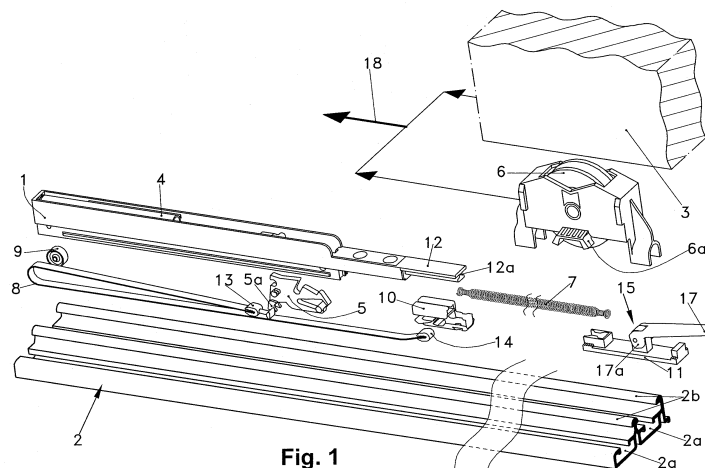
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(54) **Device helping to close sliding doors**

(57) A device helping to close sliding doors, comprising a frame (1) mounted in the inner part of an end of a guiding channel (2a) being finished off by opposing flanges in its ends, which is part of a conventional guide-profile (2) of the assembly of sliding doors (3) and which is inherent in the displacement rail (2b) of the wheels (6) of the sliding door (3), in whose frame (1) a closing damper (4) is installed and a swinging trigger (5) is adapted to engage with a side hook (6a) of the wheel (6) of the sliding door (3), which is forward according to the closing direction, and there is a tension spring (7) having an end attached to the swinging trigger (5) and it is tightened when opening the sliding door; taking into account that the ref-

erence of forward of the device will be understood as the first part the wheel reaches in the advancing direction of the closing of the sliding door, and vice versa. In the device exits a flexible brace (8) having an end attached to the swinging trigger (5) and, in a rear pulley (9), it forms a flat loop along which it extends rearwards in the rear pulley (9), leaves it forwards and it extends out of the frame (1) locating another end being engaged to a removable carriage (10) being susceptible to receive the rear end of an independent tension spring (7) being located out of the frame (1) and having a forward end attached to an outer anchorage (11) being susceptible to be fixed along the guiding channel (2a) selectively.



**Fig. 1**



EUROPEAN SEARCH REPORT

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Place of search		Date of completion of the search	Examiner
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CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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