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(54) **Driving device for sliding doors**

(57) The driving device for sliding doors, comprising a rack (1) integral with the sliding door, a driving pinion (2) engaged with said rack (1) driven by a motor (3) integral with said pinion (2), that is vertically movable, and it is **characterised in that** the pinion (2) or the motor (3) are linked with a spring (4) that presses said pinion (2) against the rack (1), engaging the pinion (2) with the rack (1).

It permits to guarantee a pressure engagement of the pinion with the rack and permits to absorb the irregularities in the height of the rack, permitting therefore the fixation of the rack to the sliding door to be carried out at the factory, that guarantees a better quality and a decrease of the cost, because the final adjustment is not carried out at the building site.

EP 1 978 196 A3



EUROPEAN SEARCH REPORT

Application Number
EP 08 15 3038

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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Y	* paragraph [0031] - paragraph [0050];	3,7	
A	figures 1-5 *	6,8,10	
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Y	* page 3, line 24 - page 4, line 36; figures 1,2 *	7	
X	FR 2 752 871 A1 (LEGOFF JOSEPH [FR]) 6 March 1998 (1998-03-06)	1,2,4,5, 11	TECHNICAL FIELDS SEARCHED (IPC) E05F
Y	* page 2, line 16 - page 5, line 4; figures 1,2 *	3	
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 19 September 2012	Examiner Rémondot, Xavier
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

2
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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 08 15 3038

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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