

Title (en)
Pulling device for sliding elements

Title (de)
Einzugvorrichtung für Schiebelelemente

Title (fr)
Dispositif d'entrée pour éléments coulissant

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Application
EP 11173255 A 20080125

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Abstract (en)
[origin: WO2008101582A2] The invention relates to a retracting mechanism, particularly for sliding elements, drawers, or sliding doors. Said retracting mechanism comprises a housing that accommodates a damping element. The damping element is provided with a piston rod which accommodates a piston that is movably guided within a damping cylinder. The housing also accommodates a coupling element which can be moved between a retracted position and a deployed position within a guide rail of the housing. A tension spring which, in the deployed position, biases the coupling element in the direction of the retracted position is connected to the coupling element. In order to be able to guide the coupling element in such a retracting mechanism in a stable manner with little structural effort, the piston rod is connected directly to the coupling element by means of a swivel bearing.

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Citation (examination)
• DE 202004018189 U1 20050303 - VAUTH SAGEL HOLDING GMBH & CO [DE]
• WO 2008071168 A1 20080619 - ZIMMER GUENTHER [DE], et al

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EP 2377430 B1 20200617; EP 3666119 A1 20200617; ES 2639851 T3 20171030; ES 2639851 T5 20210329; ES 2815929 T3 20210331;
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