

Title (en)
RETRACTING MECHANISM FOR SLIDING ELEMENTS

Title (de)
EINZUGVORRICHTUNG FÜR SCHIEBELEMENTE

Title (fr)
DISPOSITIF D'ESCAMOTAGE POUR ÉLÉMENTS COULISSANTS

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Application
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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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Opponent :
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• JP 2006308044 A 20061109 - NIFCO INC
• JP 2005230468 A 20050902 - FUJI LATEX CO

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