

Title (en)

Rolling and locking device for sliding wardrobe doors

Title (de)

Lagervorrichtung und Verriegelungseinrichtung für Schiebetüre eines Kleiderschrances

Title (fr)

Dispositif de roulement et de verrouillage pour portes coulissantes d'un garde-robe.

Publication

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Application

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Abstract (en)

This invention relates to a device which is intended to bring about the rolling and closure of sliding wardrobe doors. The device has a general arrangement in which each extremity of each sliding door of the wardrobe in question comprises a rolling assembly attached thereto with means for vertical adjustment with respect to its rail and comprising a locking assembly which through a first fluid damper whose shank is connected to a downwardly retractable horizontal tilting hook guided horizontally in a body, which in its retracted position is acted upon by the charged state of a helical tension spring which is also horizontal, this locking assembly interacting with a member of the rolling assembly in such a way that it brings about locking at the end of the travel, damps it and holds it waiting for an opening force. A system with two sliding doors is considered in the graphic illustration accompanying this description. This Patent of Addition relates to a number of improvements to the device which is intended to bring about the rolling and closure of sliding wardrobe doors according to the subject matter of Patent of Invention P200500433.

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E05Y 2201/412 (2013.01); **E05Y 2800/24** (2013.01); **E05Y 2900/20** (2013.01)

Citation (search report)

- [A] US 2005011041 A1 20050120 - NESS JOHN T [US]
- [A] EP 0044799 A1 19820127 - FERCO INT USINE FERRURES [FR]
- [A] FR 2441041 A1 19800606 - NOVOBAT SARL

Cited by

EP2182154A1; JP2013040449A; WO2011045756A1; ITMI20091760A1; ITMI20120433A1; ITMI20101891A1; BE1017959A3; ITMI20081809A1;
EP2505754A3; CN108086839A; CN108860666A; EP2060720A3; EP2136021A3; CN113928451A; JP2015025334A; EP2527578A3;
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