

Title (en)
Decelerator for roll guides of sliding units

Title (de)
Entschleuniger für Rollenführung von Schiebeeinheiten

Title (fr)
Ralentisseur pour guides de rouleaux d'unités coulissantes

Publication
EP 2466047 A1 20120620 (EN)

Application
EP 11193160 A 20111213

Priority
IT MI20102320 A 20101220

Abstract (en)
A deceleration device (11) for roll guides of sliding units, such as drawers or the like, wherein said roll guides comprise a first fixed portion (12) of the guide, constrained to a piece of furniture, and a second movable portion (13) of the guide, constrained to a drawer, wherein the first fixed portion (12) of the guide has a first straight section (14) followed by a final shaped section (15) in which a wheel (16) is positioned, constrained to the end of the second movable portion (13) of the guide, when the drawer is completely closed. The device (11) comprises a plate (17), constrained to the piece of furniture by means of a screw and carrying a decelerating damping cylinder (26) whose piston (25) interacts with a buffer (24) integral with a hook cursor (19), in turn cooperating with the wheel (16) and sliding on the plate (17), elastic elements (30) being envisaged, which oppose the action of the decelerating damping cylinder (26), the hook cursor (19) having a limited run inside a slit (20) situated in the first fixed portion (12) of the guide.

IPC 8 full level
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CPC (source: EP)
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Citation (applicant)
• EP 1188397 A1 20020320 - SALICE ARTURO SPA [IT]
• EP 0391221 A1 19901010 - BLUM GMBH JULIUS [AT]

Citation (search report)
• [IY] AT 507186 A4 20100315 - FULTERER GMBH [AT]
• [Y] DE 20315124 U1 20040226 - HETTICH HEINZE GMBH & CO KG [DE]

Cited by
US2013034318A1; US9125491B2; WO2018001403A1

Designated contracting state (EPC)
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