

Title (en)
SELF-CLOSING DRAWER RUNNERS WITH INTEGRATED DAMPING

Title (de)
SCHUBLADEN-AUSZIEHFÜHRUNGEN MIT EINZUGSAUTOMATIK MIT INTEGRIERTER DÄMPFUNG

Title (fr)
COULISSES TELESCOPIQUES DE TIROIR A FERMETURE AUTOMATIQUE ET AMORTISSEMENT INTEGRE

Publication
EP 1487301 B1 20051130 (DE)

Application
EP 03744829 A 20030321

Priority
• DE 20204860 U 20020326
• EP 0302960 W 20030321

Abstract (en)
[origin: US2005116593A1] A self-closing drawer guide includes a spring assembly with a piston disposed in an elongated cylindrical housing, with a piston rod attached to the piston and protruding from one end of the cylindrical housing. The spring assembly applies a force, when the drawer is being closed and when the drawer approaches the closed position, and holds the drawer in the closed position under pretension. The spring of the spring assembly that pretensions a ratchet element of the self-closing mechanism via the piston rod is arranged between the piston and one of the end walls that at least partially closes the end face of the cylindrical housing, whereby the housing of the spring assembly is fixedly arranged on the rail of the guide that supports the movable ratchet element.

IPC 1-7
A47B 88/04

IPC 8 full level
A47B 88/04 (2006.01)

CPC (source: EP US)
A47B 88/467 (2016.12 - EP US); **A47B 2210/0094** (2013.01 - EP US)

Cited by
DE102006057582C5

Designated contracting state (EPC)
AT DE FR GB IT

DOCDB simple family (publication)
US 2005116593 A1 20050602; US 7108339 B2 20060919; AT E311131 T1 20051215; DE 20204860 U1 20030731; DE 50301806 D1 20060105; EP 1487301 A1 20041222; EP 1487301 B1 20051130; WO 03079855 A1 20031002

DOCDB simple family (application)
US 50928704 A 20040923; AT 03744829 T 20030321; DE 20204860 U 20020326; DE 50301806 T 20030321; EP 0302960 W 20030321; EP 03744829 A 20030321