

Title (en)
Closing device for drawers.

Title (de)
Schliessvorrichtung für Schubladen.

Title (fr)
Dispositif pour fermer de tiroirs.

Publication
EP 0391221 A1 19901010 (DE)

Application
EP 90105863 A 19900328

Priority
AT 76689 A 19890403

Abstract (en)
Provided on each side of the drawer is a pulling-out rail, which is attached to the drawer, and a bearing rail, which is attached to a furniture unit. Load-transferring running rollers are mounted between the rails. The closing device comprises a tilting segment (3) which is mounted on the unit side, is under the effect of a spring (6) and has a receiving slot (9) for a carrier pin (5) which is mounted on the drawer. The tilting segment (3) is mounted on the furniture unit so as to be displaceable in the pulling-out direction of the drawer and is guided along a guide path (4) which is formed by a groove or the like and which has a straight rear portion (4'), adjoining which there is a curved front portion (4"). <IMAGE>

Abstract (de)
An jeder Seite der Schublade ist eine an der Schublade befestigte Ausziehschiene und eine an einem Möbelkorpus befestigte Tragschiene vorgesehen. Zwischen den Schienen lagern lastübertragende Laufrollen. Die Schließvorrichtung umfaßt ein korpusseitig gelagertes unter Einwirkung einer Feder (6) stehendes Kippsegment (3), das einen Aufnahmeschlitz (9) für einen an der Schublade gelagerten Mitnehmerzapfen (5) aufweist. Das Kippsegment (3) ist am Möbelkorpus in der Ausziehrichtung der Schublade verschiebbar gelagert und wird entlang einer Führungsbahn (4) geführt, die von einer Nut od. dgl. gebildet wird und die einen geraden hinteren Abschnitt (4') aufweist, an den ein bogenförmiger vorderer Abschnitt (4'') anschließt.

IPC 1-7
A47B 88/00

IPC 8 full level
E05B 65/44 (2006.01); **A47B 88/04** (2006.01); **A47B 88/16** (2006.01)

CPC (source: EP)
A47B 88/467 (2016.12); **E05F 1/16** (2013.01); **E05F 5/027** (2013.01); **A47B 2210/0037** (2013.01); **A47B 2210/0056** (2013.01); **E05Y 2900/20** (2013.01)

Citation (search report)
• [Y] DE 1262533 B 19680307 - OSKAR MERZ MEYER
• [Y] DE 3010089 A1 19810924 - LOH KG HAILO WERK [DE]
• [AD] GB 1117071 A 19680612 - G K N SANKEY PROPRIETARY LTD
• [A] GB 1137872 A 19681227 - KILLBY & GAYFORD LTD, et al

Cited by
EP2166184A1; WO2011050375A1; WO2011088481A1; WO2014032063A1; WO2006058351A1; US5364179A; AT503066B1; EP0552500A1; CN102595968A; AT513329A1; AT15549U1; AT410504B; DE10163021B4; ES2046084A2; DE202005012954U1; AT401716B; DE202004000714U1; GB2380516B; US7083243B2; DE19835466A1; DE19835466B4; US6979066B2; EP2395185A1; CN100438803C; AT398521B; US5240318A; AU645824B2; DE202006006182U1; US7077487B2; US5580138A; US7748800B2; EP2060720A3; EP1502520A1; US6712435B2; US6733097B2; AT513856A5; AT513856B1; US7815267B1; US6752478B1; WO2006061331A1; DE202012000684U1; EP2100536A1; WO2010000244A1; WO2007068679A1; WO2011017824A1; WO9204843A1; EP0700649A1; EP2060720A2; US7320507B2; EP1120065A2; US7980640B2; DE212018000218U1; WO2016106434A1; US10172461B2; US7641296B2; WO2011150432A1; US8905498B2; US6971729B1; US7537296B2; WO03031753A1; US6945620B2; US7156478B2; US7296863B2; US6953233B2; US7077488B2; EP0951848A1; US7748799B2; EP2466047A1; US9500015B2; US7104691B2; EP1120066A2; US11008791B2; EP3926136A1; EP0700649B2

Designated contracting state (EPC)
AT DE ES FR GB IT SE

DOCDB simple family (publication)
EP 0391221 A1 19901010; EP 0391221 B1 19950913; AT 393948 B 19920110; AT A76689 A 19910715; AT E127667 T1 19950915; CA 2013633 A1 19901003; CA 2013633 C 19961022; DE 59009643 D1 19951019; DE 9007385 U1 19910523; ES 2076982 T3 19951116; JP H02286102 A 19901126; JP H0523763 B2 19930405

DOCDB simple family (application)
EP 90105863 A 19900328; AT 76689 A 19890403; AT 90105863 T 19900328; CA 2013633 A 19900402; DE 59009643 T 19900328; DE 9007385 U 19900328; ES 90105863 T 19900328; JP 8763390 A 19900403