

Title (en)
CLOSING AND OPENING DEVICE FOR DRAWERS

Title (de)
SCHLIESS-UND ÖFFNUNGSVORRICHTUNG FÜR SCHUBLADEN

Title (fr)
DISPOSITIF DE FERMETURE ET D'OUVERTURE DE TIROIRS

Publication
EP 1845821 A1 20071024 (DE)

Application
EP 05850270 A 20051214

Priority

- EP 2005013455 W 20051214
- DE 202004019738 U 20041217
- DE 202005002699 U 20050219
- DE 202005004776 U 20050324
- DE 202005009860 U 20050621

Abstract (en)
[origin: US2009273263A1] Closing and opening device for drawer pull-out guides (10) with a guide rail (12) to be fixed on a carcass wall of a piece of furniture and a running rail (14) which is mounted so as to be displaceable relative to the guide rail-optionally with a central rail (11) interposed-and is to be fixed on the drawer. On a latch housing (22) disposed on one of the two aforementioned outer rails there is provided a movable catch component (24) which is pretensioned by a spring arrangement in a bistable manner into two end positions spaced from one another in the direction of movement of the drawer, and the catch component has a seat (36) for a dog (26) which is provided on the other rail and which moves into the seat during the relative displacement of the rails as the closed position is approached and pivots the pretensioned movable catch component (24) and thereby unlocks it from the associated end position. The catch component is moved under the action of the spring tension into the other end position and by way of the dog (26) held in the seat (36) it entrains the rail associated therewith in the direction of retraction of the drawer. An opening and closing device (20) which acts on the catch component (24) on the one hand and on or in the catch housing (22) on the other hand and which, when a pushing in movement in the direction of closing the drawer is exerted on the drawer which is retained in the closing position by the closing and opening device, displaces the catch component (24) and by way of the dog (26) engaging in the seat (36) of the catch component it displaces the running rail (14) and thus a drawer held on the running rail by a predetermined amount in the direction of opening the drawer.

IPC 8 full level
A47B 88/04 (2006.01)

CPC (source: EP US)
A47B 88/467 (2016.12 - EP US); **A47B 88/47** (2016.12 - EP US)

Citation (search report)
See references of WO 2006066774A1

Cited by
DE102010017401B4; EP2208439A1; EP2174571A1; DE202009000038U1; EP2208441A1; EP2294944A1; WO2011121025A1; WO2011003739A1; EP2208442A1; EP2279680A1; EP2465381A1; EP2471412A1; WO2011003738A1; DE102010036741B4; RU2508036C2; CN102085051A; AT508515B1; CN101862080A; DE102010036903B4; CN102469880A; CN102715742A; DE102009026260B4; DE102010036741A1; WO2011015663A3; DE102010016297A1; EP2174572A1; DE202009005009U1; DE102009026142A1; EP1817983A1; EP2208440A1; DE202009001516U1; DE202008013230U1; DE202009005255U1; DE102009026260A1; WO2011015663A2; DE102010036902A1; DE202009004769U1; DE102009003362A1; DE202009004951U1; DE102009026141A1; DE102010036903A1; DE102009003362B4

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AT DE IT

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