

Title (en)

Interlock arrangement for vertically stacked drawers and a piece of furniture with such an interlock arrangement

Title (de)

Ausziehsperre für übereinander angeordnete Schubladen und Möbel mit einer solchen Ausziehsperre

Title (fr)

Dispositif pour empêcher l'ouverture simultanée de tiroirs superposées et meuble avec un tel dispositif

Publication

EP 1154107 A3 20030514 (DE)

Application

EP 01105849 A 20010309

Priority

DE 20008266 U 20000508

Abstract (en)

[origin: EP1154107A2] A system of locking catches for the drawers of a filing cabinet has each drawer fitted with a locking stub which is engaged by one of a number of pivot mounted locking jaws fitted to a support rail fixed up the inside of the cabinet housing. The support rail has a C-profile with an open slot facing outwards and with flat side flanges. Control strips are moved by the lock barrel to move lock or release the catches, with a spring (31) pressing the strip downwards into a rest position. The system is designed so that if one locking jaw is swung into the released position the other jaws are secured in the locked position, ie. only one drawer at a time can be opened.

IPC 1-7

E05B 65/46

IPC 8 full level

A47B 88/16 (2006.01); **E05B 65/46** (2006.01)

CPC (source: EP)

E05B 65/464 (2013.01)

Citation (search report)

- [DA] DE 19547049 A1 19960627 - HUWIL WERKE GMBH [DE]
- [A] EP 0290241 A1 19881109 - HAUSERMAN INC [US]
- [A] DE 4325920 A1 19950209 - ROMAGNONI MAURO [DE]
- [A] DE 4315452 A1 19940127 - HUWIL WERKE GMBH [DE]
- [A] US 5782545 A 19980721 - KAHARA THOMAS ARTHUR [US], et al

Cited by

WO2011069175A1; SE2150157A1; CN100420821C; AT413630B; WO2011146952A1; EP1500763A2; US8899699B2; US8936326B2; WO2022173359A1

Designated contracting state (EPC)

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