

Title (en)

Device to assist with the opening of a drawer of a furniture or similar

Title (de)

Vorrichtung zum Öffnen einer Schublade eines Möbelstücks oder Ähnlichem

Title (fr)

Dispositif d'assistance à l'ouverture d'un tiroir d'un meuble ou similaire

Publication

EP 2359716 A1 20110824 (FR)

Application

EP 11154463 A 20110215

Priority

FR 1051101 A 20100216

Abstract (en)

The device (2) has a parallelepiped support (3) mounted on a bench of furniture, and a pusher (5) cooperated with a drawer of the furniture. A deformable parallelogram shaped connection unit includes connection components (12, 14) and connecting rods (18, 20, 22, 24) for connecting the support to the pusher. The unit is deformable between an opening position in which the pusher is disconnected from the support, and a closing position in which the pusher is connected to the support. An actuating unit includes a valve rod (26), and is arranged to deform the connection unit between the positions. The pusher includes a damping element made of elastically deformable material, and a permanent magnet or an electromagnet cooperating with the drawer of the furniture.

Abstract (fr)

Ce dispositif d'assistance (2) comporte un support (3) destiné à être monté sur le bâti du meuble, un poussoir (5) destiné à coopérer avec le tiroir, des moyens de liaison, conformés en parallélogramme déformable, reliant le support au poussoir et déformables entre une position d'ouverture dans laquelle le poussoir est éloigné du support et une position de fermeture dans laquelle le poussoir est rapproché du support, et des moyens d'actionnement agencés pour déformer les moyens de liaison entre leurs positions d'ouverture et de fermeture.

IPC 8 full level

A47B 88/04 (2006.01)

CPC (source: EP)

A47B 88/457 (2016.12); **A47B 88/463** (2016.12)

Citation (applicant)

FR 2181287 A5 19731130 - SPERRY RAND CORP [US]

Citation (search report)

- [XDA] FR 2181287 A5 19731130 - SPERRY RAND CORP [US]
- [A] DE 202006011039 U1 20071206 - ALFIT AG [AT]
- [A] FR 1342066 A 19631102 - EMANUEL FAHRENBERGER K G

Cited by

USD881617S; DE202014004317U1; USD881618S

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2359716 A1 20110824; FR 2956298 A1 20110819; FR 2956298 B1 20120406

DOCDB simple family (application)

EP 11154463 A 20110215; FR 1051101 A 20100216