

Title (en)

Drawer with locking mechanism, in particular for drawer units for interior fittings of motor vehicles

Title (de)

Schublade mit Verriegelungsvorrichtung, insbesondere für Schubladeneinheiten für Innenausstattungen von Kraftfahrzeugen

Title (fr)

Tiroir avec mécanisme de verrouillage, notamment pour des caissons à tiroirs pour aménagements intérieurs de véhicules à moteur

Publication

EP 2378042 A1 20111019 (EN)

Application

EP 11154232 A 20110211

Priority

IT PD20100118 A 20100413

Abstract (en)

The invention relates to a drawer with locking mechanism on closing, in particular for drawer units destined for interior fittings of motor vehicles, comprising a load-bearing structure 2 with bottom and two opposite lateral wings 4; two slide guides 5; a locking mechanism positioned under the bottom 3, comprising a pair of locking teeth 11, 12, joined to the guides 5 and a pair of hooking elements 21, 22, joined to the load-bearing structure and movable between a locking position, in which they engage the teeth, and a release position, in which they are disengaged from the teeth. The two hooking elements are composed of two hooks connected to the load-bearing structure 2 to rotate on a plane parallel to the bottom 3. The mechanism comprises elastic means 23, 24 able to hold the hooks in the locking position and a lever mechanism which can be commanded from outside the drawer 1 to move the hooks. The lever mechanism comprises two connecting rods connected to the hooks and a bar connected to the connecting rods which can be moved from outside the drawer. [Fig. 7]

IPC 8 full level

E05B 65/46 (2006.01)

CPC (source: EP)

E05B 65/46 (2013.01)

Citation (applicant)

WO 2009114884 A2 20090924 - BLUM GMBH JULIUS [AT], et al

Citation (search report)

- [AD] WO 2009114884 A2 20090924 - BLUM GMBH JULIUS [AT], et al
- [A] EP 0332874 A2 19890920 - DISCHINGER HERBERT
- [A] US 2474744 A 19490628 - LAMBERT ALBERT L, et al
- [A] US 1700299 A 19290129 - WOLTERS CARL F

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 2378042 A1 20111019; EP 2378042 B1 20130529; IT 1399532 B1 20130419; IT PD20100118 A1 20111014

DOCDB simple family (application)

EP 11154232 A 20110211; IT PD20100118 A 20100413