

Title (en)

Operating handwheel provided with locking device, particularly for operating handwheels of cabinets that can move on rails

Title (de)

Betriebshandrad mit Sperrvorrichtung, insbesondere zum Betreiben von Handrädern an Rollenschränken

Title (fr)

Volant de commande doté d'un dispositif de verrouillage, en particulier pour des volants d'armoires pouvant se déplacer sur des rails

Publication

**EP 2050357 A2 20090422 (EN)**

Application

**EP 08166429 A 20081013**

Priority

IT PD20070342 A 20071018

Abstract (en)

An operating handwheel (10) for cabinets that can move on rails, provided with a locking device (11) comprising - an actuation body (14), which is accommodated in a seat (16) formed on a handwheel (12) and is provided with a part (15) that can be gripped by the user to operate it, - pins (17, 117) adapted to lock the rotation of the handwheel (12), jointly connected to the actuation body (14), the cabinet having a component (18, 118) provided with containment holes (19, 119) for the pins (17, 117). The actuation body (14) can slide for extraction from, and insertion in, the seat (16), in order to pass: - from a first insertion configuration, in which the pins (17, 117) are inserted in the containment holes (19, 119) - to a second extraction configuration, in which the pins (17, 117) are extracted from the containment holes (19, 119), and vice versa. Moreover, the handwheel comprises: - means (21) for the reversible interlocking of the actuation body (14), which are adapted to retain it when it is in a position for extraction from, or in a position for insertion in, the seat (16), which correspond respectively to the first configuration and to the second configuration; - a key-operated lock (27), which is composed of a main body (28), which is jointly connected to the handwheel (12), and an element (30) for locking the actuation body (14) in the first configuration. The lock (27) can be operated to close, when the actuation body (14) is in the first configuration, to prevent its transition to the second configuration.

IPC 8 full level

**A47B 53/02** (2006.01)

CPC (source: EP)

**A47B 53/02** (2013.01)

Citation (applicant)

IT 000342 A

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 2050357 A2 20090422; EP 2050357 A3 20110413**; IT PD20070342 A1 20090419

DOCDB simple family (application)

**EP 08166429 A 20081013**; IT PD20070342 A 20071018