

Title (en)

ADVANCED HANDLE SQUARE FOR ANY OPENING MEMBER

Title (de)

ERWEITERTER HEBELWINKEL FÜR EIN BELIEBIGES ÖFFNUNGSELEMENT

Title (fr)

CARRÉ PERFECTIONNÉ DE POIGNÉE POUR TOUT ÉLÉMENT OUVRANT

Publication

EP 2148968 A2 20100203 (FR)

Application

EP 08805725 A 20080429

Priority

- FR 2008050771 W 20080429
- FR 0754989 A 20070510

Abstract (en)

[origin: WO2008145933A2] The lack of adaptation of various models developed for satisfying an efficient safety system for door handle especially for children has been clearly assessed. In order to solve this problem, according to the invention and instead of using a low-safety and inconvenient lock, the handle is simply disassembled in order to replace the existing square with the advanced square (9) of the present invention. The square includes a threaded portion (11) and a tapped portion (10). One side of the door is secured, which is useful for cave-type parts, while the other side operates in a traditional manner. In order to actuate the bolt (2) the lever handle must first be raised in order to momentarily block the two portions of the square relative to each other. It is then possible to actuate the bolt by lowering the lever handle and unlocking the latter by applying, in a second time, a force having an amplitude higher than that required for the opening.

IPC 8 full level

E05B 13/00 (2006.01); **E05B 15/00** (2006.01)

CPC (source: EP US)

E05B 13/005 (2013.01 - EP US); **E05B 15/0033** (2013.01 - EP US); **E05B 63/16** (2013.01 - EP US); **E05B 65/0014** (2013.01 - EP US); **E05B 2015/0465** (2013.01 - EP US); **Y10T 292/57** (2015.04 - EP US)

Citation (search report)

See references of WO 2008145933A2

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)

FR 2916007 A1 20081114; EP 2148968 A2 20100203; US 2010201137 A1 20100812; WO 2008145933 A2 20081204; WO 2008145933 A3 20090219

DOCDB simple family (application)

FR 0754989 A 20070510; EP 08805725 A 20080429; FR 2008050771 W 20080429; US 59962808 A 20080429