

Title (en)
PIVOT LEVER ACTUATION HAVING SAFETY DEVICE

Title (de)
SCHWENKHEBELBETÄTIGUNG MIT SICHERHEITSEINRICHTUNG

Title (fr)
MÉCANISME À LEVIER PIVOTANT AVEC DISPOSITIF DE SÉCURITÉ

Publication
EP 2252750 A1 20101124 (DE)

Application
EP 09722075 A 20090312

Priority
• EP 2009001779 W 20090312
• DE 202008003720 U 20080315
• DE 202008005166 U 20080415

Abstract (en)
[origin: WO2009115229A1] The invention relates to a pivot lever actuation having a safety device, comprising a hollow that can be applied to one side (outer side) of a thin wall, such as an electrical enclosure door, wherein the hollow has a boss (20) on the longitudinal end thereof, the cross section thereof being substantially rectangular and protruding through the mounting plane formed by the thin wall in the direction of the other side (inner side) of the thin wall, and the other end thereof supporting a drive shaft whereon a hand crank having a projection (36) from the hollow pivotally mounted in the hollow about an axis parallel to the mounting plane and optionally rotatable about an axis perpendicular to the mounting plane, wherein locking devices (32 and 34) extend from the hollow / the hand crank projection (36) and interact with complementary locking devices (34, 32) of the hand crank projection (36) / the hollow, wherein according to the invention, independently acting locking devices (44) are provided for the free end of the hand crank, wherein a mechanical drive, such as a locking cylinder (38, 40) having a cog is disposed in the hand crank projection (36) such that the cog (42) moves the locking devices (32, 34) into the open/closed position when the locking cylinder (38, 40) is actuated, and wherein a pin (44) having an electrical drive (46) is disposed in the hollow such that the locking devices (32, 34) are moved into the closed/open position when the electrical drive (46) is actuated.

IPC 8 full level
E05B 1/00 (2006.01); **E05B 13/10** (2006.01); **E05B 17/18** (2006.01); **E05B 17/22** (2006.01); **E05B 47/00** (2006.01); **E05B 47/06** (2006.01); **E05B 63/00** (2006.01); **E05B 63/04** (2006.01); **E05C 9/04** (2006.01)

CPC (source: EP US)
E05B 1/0092 (2013.01 - EP US); **E05B 13/10** (2013.01 - EP US); **E05B 47/0002** (2013.01 - EP US); **E05B 47/0603** (2013.01 - EP US); **E05B 47/0657** (2013.01 - EP US); **E05B 63/0069** (2013.01 - EP US); **E05B 17/185** (2013.01 - EP US); **E05B 17/22** (2013.01 - EP US); **E05B 47/0004** (2013.01 - EP US); **E05B 63/042** (2013.01 - EP US); **E05B 2047/0068** (2013.01 - EP US); **E05C 9/04** (2013.01 - EP US); **Y10T 292/108** (2015.04 - EP US)

Citation (search report)
See references of WO 2009115229A1

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 MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
WO 2009115229 A1 20090924; **WO 2009115229 A9 20091210**; EP 2252750 A1 20101124; EP 2252750 B1 20131204; US 2011101708 A1 20110505

DOCDB simple family (application)
EP 2009001779 W 20090312; EP 09722075 A 20090312; US 92261709 A 20090312