

Title (en)
PIVOT LEVER ACTUATION UNIT

Title (de)
SCHWENKHEBELBETÄIGUNG

Title (fr)
ACTIONNEMENT À LEVIER OSCILLANT

Publication
EP 2694761 B1 20170111 (DE)

Application
EP 12708494 A 20120225

Priority

- DE 202011004951 U 20110406
- EP 2012000822 W 20120225

Abstract (en)
[origin: WO2012136292A1] A description is given of a pivot lever actuation unit (10) comprising an actuating handle (22), which can be swung out of a hollow (12) and then pivoted, and an adaptor part (14), which can be screwed on beneath the hollow (12), wherein the actuation unit (10) has a modular construction which allows certain outer constituent parts to be changed over and likewise makes flexible reconstruction possible.

IPC 8 full level
E05B 1/00 (2006.01); **E05B 63/00** (2006.01)

CPC (source: EP US)
E05B 1/0092 (2013.01 - EP US); **E05B 63/0056** (2013.01 - EP US); **G05G 1/04** (2013.01 - US); **E05B 1/0084** (2013.01 - EP US);
E05B 13/002 (2013.01 - EP US); **E05B 17/10** (2013.01 - EP US); **E05B 47/0004** (2013.01 - EP US); **E05B 47/0673** (2013.01 - EP US);
Y10T 74/20612 (2015.01 - EP US)

Citation (opposition)

Opponent : EMKA Beschlagteile GmbH & Co. KG

- DE 10049085 A1 20020411 - DIRAK GMBH & CO KG [DE]
- DE 102004013369 A1 20051006 - DIRAK DIETER RAMSAUER KONSTRUK [DE]
- EP 1213417 A2 20020612 - APW LTD [GB]
- WO 2009158181 A1 20091230 - SCHLAGE LOCK CO [US], et al
- EP 2037061 A2 20090318 - PRIMION TECHNOLOGY AG [DE]
- FR 2728614 A1 19960628 - ANELEC [FR]
- DE 19652348 A1 19980625 - DORMA GMBH & CO KG [DE]
- DE 202006007700 U1 20070920 - DIRAK DIETER RAMSAUER KONSTRUK [DE]
- DE 29723857 U1 19990415 - LOH KG RITTAL WERK [DE]
- EP 1333140 A1 20030806 - GIUSSANI SERRATURE S R L FLLI [IT]
- AU 2009200703 A1 20090910 - B & R ENCLOSURES PTY LTD
- JP 2005256367 A 20050922 - TAKIGEN MFG CO
- DE 202009013235 U1 20110210 - DIRAK DIETER RAMSAUER KONSTRUKTIONSELEMENTE GMBH [DE]
- DE 202006013836 U1 20080110 - DIRAK DIETER RAMSAUER KONSTRUK [DE]
- EP 1593799 A2 20051109 - GSG INT SPA [IT]
- DE 20319136 U1 20050428 - DIRAK KONSTRUKTIONSELEMENTE GM [DE], et al
- US 5862690 A 19990126 - JANCSEK JOHN JOSEPH [US]
- EP 1686225 A2 20060802 - GSG INT SPA [IT]
- US 6701758 B2 20040309 - HOFFMANN RAINER [DE]
- EP 1327043 B1 20040714 - DIRAK GMBH & CO KG [DE]
- JP 2002155644 A 20020531 - ALPHA CORP, et al
- DE 29715562 U1 19990128 - RAMSAUER DIETER [DE]
- WO 2010115545 A1 20101014 - EMKA BESCHLAGTEILE [DE], et al
- US 6363761 B1 20020402 - SAUERLAND MANFRED [DE]
- EP 1387030 A1 20040204 - GSG INT SPA [IT]
- CN 200949366 Y 20070919 - CEN SHUZHONG [CN]
- EP 0675994 B1 19960626 - KNUERR MECHANIK AG [DE], et al
- WO 9740248 A1 19971030 - EMKA BESCHLAGTEILE [DE], et al
- US 6851289 B2 20050208 - RAMSAUER DIETER [DE]
- DE 8625579 U1 19880128
- WO 2008107926 A2 20080912 - ERRETI SRL [IT], et al
- DE 102007017931 A1 20080320 - SOUTHCO [US]
- EP 1950368 A1 20080730 - GIUSSANI TECH S P A [IT]
- DE 202009004346 U1 20100812 - DIRAK DIETER RAMSAUER KONSTRUK [DE]
- DE 29806974 U1 19980702 - EMKA BESCHLAGTEILE [DE]
- DE 9406586 U1 19940908 - EMKA BESCHLAGTEILE [DE]

Cited by
GR1009464B

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

DOCDB simple family (publication)
WO 2012136292 A1 20121011; CN 103518026 A 20140115; CN 103518026 B 20151209; DE 112012001602 A5 20140109;
DE 202011004951 U1 20130115; EP 2694761 A1 20140212; EP 2694761 B1 20170111; US 2014053678 A1 20140227

DOCDB simple family (application)

EP 2012000822 W 20120225; CN 201280017375 A 20120225; DE 112012001602 T 20120225; DE 202011004951 U 20110406;
EP 12708494 A 20120225; US 201214009989 A 20120225