

Title (en)

LOCK UNIT COMPRISING TWO PAWLS AND POSITION DETECTION MEANS

Title (de)

SCHLOSSEINHEIT MIT ZWEI SPERRKLINKEN UND POSITIONSERKENNUNGSMITTELN

Title (fr)

BLOC SERRURE À DEUX CLIQUETS D'ARRÊT ET À MOYENS DÉTECTEURS DE POSITION

Publication

EP 2307643 B1 20131002 (DE)

Application

EP 09776025 A 20090729

Priority

- DE 2009001054 W 20090729
- DE 102008035607 A 20080731

Abstract (en)

[origin: WO2010012272A2] The invention relates to a lock unit (1) having at least one rotary latch (2) with a main detent element (3) and a preliminary detent element (4), in addition to a first pawl (5) and a second pawl (6), the first pawl (5) co-operating with the rotary latch (2) by means of the main detent element (3) and the second pawl (6) co-operating with the rotary latch (3) by means of the preliminary detent element (4). The unit is equipped with position detection means (7) for both pawls.

IPC 8 full level

E05B 65/32 (2006.01)

CPC (source: EP US)

E05B 81/68 (2013.01 - EP US); **E05B 85/243** (2013.01 - EP US); **E05B 81/20** (2013.01 - EP US); **Y10T 292/1044** (2015.04 - EP US);
Y10T 292/1045 (2015.04 - EP US); **Y10T 292/1047** (2015.04 - EP US); **Y10T 292/1082** (2015.04 - EP US)

Citation (examination)

DE 102008035607 A1 20100204 - KIEKERT AG [DE]

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 SM TR

DOCDB simple family (publication)

DE 102008035607 A1 20100204; CN 102084074 A 20110601; EP 2307643 A2 20110413; EP 2307643 B1 20131002;
JP 2011529535 A 20111208; JP 5750206 B2 20150715; US 2011127780 A1 20110602; US 8919828 B2 20141230;
WO 2010012272 A2 20100204; WO 2010012272 A3 20100520

DOCDB simple family (application)

DE 102008035607 A 20080731; CN 200980130074 A 20090729; DE 2009001054 W 20090729; EP 09776025 A 20090729;
JP 2011520322 A 20090729; US 200913056163 A 20090729