

Title (en)

Pivoting lever closure with low installation depth

Title (de)

Schwenkhebelverschluss mit geringer Einbautiefe

Title (fr)

Fermeture à levier pivotant ayant une faible profondeur d'intégration

Publication

EP 2733286 A3 20161207 (DE)

Application

EP 13191512 A 20131105

Priority

DE 102012111095 A 20121119

Abstract (en)

[origin: EP2733286A2] The closure has a lever grip (13) that is provided in a trough (10). The spring (15) provided for actuating the lever handle is provided in trough. The gearing (24) is engaged with external teeth (21) of pinion (20). Two sliders (22,23) are moved in opposite directions with respect to each other based on rotation of pinion. The slider (22) is connected with lever grip through a connector (25). The lever grip is pivoted vertical to the door leaf. The opposite ends of slider are provided with connection structure (33) for locking bar provided at inside of the door leaf.

IPC 8 full level

E05B 7/00 (2006.01); **E05B 5/02** (2006.01); **E05C 9/04** (2006.01); **E05B 13/00** (2006.01)

CPC (source: EP)

E05B 5/003 (2013.01); **E05B 7/00** (2013.01); **E05C 9/041** (2013.01); **E05B 13/002** (2013.01)

Citation (search report)

- [A] EP 1900891 A2 20080319 - EMKA BESCHLAGTEILE [DE]
- [A] FR 1265373 A 19610630 - GILLET ROQUIGNY ETS
- [A] DE 20215295 U1 20030116 - BURG SCHLIESSYSTEME F W LUELIN [DE]
- [A] FR 2924737 A1 20090612 - FERCO INT USINE FERRURES [FR]

Cited by

EP2985399A1; EP3569798A1; FR3096067A1; US10344508B2; WO2019219431A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2733286 A2 20140521; **EP 2733286 A3 20161207**; **EP 2733286 B1 20180110**; DE 102012111095 A1 20141030;
DE 102012111095 B4 20141127; DK 2733286 T3 20180312; ES 2661495 T3 20180402; PL 2733286 T3 20180629

DOCDB simple family (application)

EP 13191512 A 20131105; DE 102012111095 A 20121119; DK 13191512 T 20131105; ES 13191512 T 20131105; PL 13191512 T 20131105