Title (en)
CLOSURE DEVICE FOR DOORS

Title (de)
VERSCHLUSSVORRICHTUNG FÜR TÜREN

Title (fr)
DISPOSITIF DE FERMETURE POUR PORTES

Publication
EP 4239147 A1 20230906 (EN)

Application
EP 22382177 A 20220301

Priority
EP 22382177 A 20220301

Abstract (en)
The invention relates to a closure device for doors, comprising: a bolt (2) made of ferromagnetic material provided with a spring (21) pushing it to a retracted position; and an electric door opener (1) comprising: a rotary latch (11) provided with a rear body (111) and with a front body (112) the height of which can be adjusted, fixed to a front face of the rear body (111), an electromechanical mechanism for the locking and unlocking of the latch in a closing position, and magnetic means which are located in a visible position on the front face of the front body (112) of the latch and are directly opposite the movable bolt (2), without any element interposed between same, in the closing position of the door, moving said bolt (2) into a front cavity (113) of the front body (112) of the latch (11).

IPC 8 full level
E05B 47/00 (2006.01); **E05C 19/16** (2006.01)

CPC (source: EP)
E05B 47/004 (2013.01); **E05B 47/0047** (2013.01); **E05C 19/163** (2013.01); E05B 15/0245 (2013.01); E05B 15/101 (2013.01)

Citation (search report)
- [A] EP 2543797 A2 20130109 - ASSA ABLOY SICHERHEITSTECHNIK [DE]
- [A] DE 202019103639 U1 20190717 - ASSA ABLOY SICHERHEITSTECHNIK GMBH [DE]
- [A] CN 110847715 A 20200228 - LIUZHOU VOCATIONAL & TECHNICAL COLLEGE

Cited by
WO2024016051A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4239147 A1 20230906; **EP 4239147 B1 20240410**; **EP 4239147 C0 20240410**; ES 2982839 T3 20241017; PL 4239147 T3 20240603

DOCDB simple family (application)
EP 22382177 A 20220301; ES 22382177 T 20220301; PL 22382177 T 20220301