

Title (en)

AN ELECTRICALLY OPERABLE LOCKING DEVICE FOR THE LOCKING OF A GATE WING

Title (de)

ELEKTRISCH BETÄTIGBARE VERRIEGELUNGSVORRICHTUNG ZUM VERRIEGELN EINES TORFLÜGELS

Title (fr)

DISPOSITIF DE VERROUILLAGE ACTIONNABLE ÉLECTRIQUEMENT POUR LE VERROUILLAGE D'UN BATTANT DE PORTE

Publication

EP 4328403 A1 20240228 (EN)

Application

EP 22191811 A 20220823

Priority

EP 22191811 A 20220823

Abstract (en)

An electrically operable locking device configured for the locking of a gate wing (402), by electrically extending a drop bolt from a base part (300), the locking device comprising:• a frame arranged for being fixed to the gate wing,• the base part supported on the frame, wherein the base part is arranged mechanically movable with respect to the frame in a length direction between an extended position, and a retracted position whereby if the drop bolt (302) is extended from the base part, the drop bolt is disengaged from the fixed bolt reception element and the gate wing is released, and• a shell (100) arranged mechanically movable in the length direction with respect to the base part between an applied position and a removed position, wherein the locking device further comprises a mechanical locking mechanism fixed in the shell and provided for locking the shell to the frame, and wherein the shell and the base part are releasably interconnected by means of a releasable connection member.

IPC 8 full level

E05B 9/02 (2006.01); **E05B 47/02** (2006.01); **E05B 15/16** (2006.01); **E05B 17/04** (2006.01); **E05B 47/00** (2006.01); **E05B 63/00** (2006.01); **E05B 65/00** (2006.01)

CPC (source: EP)

E05B 9/02 (2013.01); **E05B 15/1614** (2013.01); **E05B 47/026** (2013.01); **E05B 63/0073** (2013.01); **E05B 65/0007** (2013.01); **E05B 17/04** (2013.01); **E05B 2047/0086** (2013.01); **E05B 2047/0087** (2013.01); **E05B 2063/0039** (2013.01)

Citation (applicant)

EP 2749720 A1 20140702 - TALPE JOSEPH [BE]

Citation (search report)

- [AD] EP 2749720 A1 20140702 - TALPE JOSEPH [BE]
- [A] EP 3390750 A1 20181024 - CAMPIRONI GIANMARCO [IT]
- [A] EP 0021670 A1 19810107 - LYNGBJOERN [ES], et al
- [A] DE 19753013 A1 19990602 - PERCIC MLADEN [DE]
- [A] GB 2512579 A 20141008 - UAP LTD [GB]
- [A] EP 1583878 A1 20051012 - CISA SPA [IT]

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 4328403 A1 20240228

DOCDB simple family (application)

EP 22191811 A 20220823