

Title (en)

SUPPORT FOR INSTALLING OPENING AND CLOSING DEVICES IN LOCK CYLINDERS

Title (de)

HALTERUNG ZUM EINBAU VON ÖFFNUNGS- UND SCHLIESSVORRICHTUNGEN IN SCHLIESSZYLINDERN

Title (fr)

SUPPORT POUR L'INSTALLATION DE DISPOSITIFS D'OUVERTURE ET DE FERMETURE DANS DES CYLINDRES DE SERRURE

Publication

EP 4361383 A1 20240501 (EN)

Application

EP 23205715 A 20231025

Priority

ES 202230923 A 20221026

Abstract (en)

The invention comprises a fixing system and at least one front plate (1a) that includes an opening (3) configured to fit an end section of the lock cylinder (2) into same; wherein the fixing system is configured to immobilize the front plate (1a) to the end section of the cylinder (2) by means of a threaded clamping element (5) which is coupled in a threaded central hole (8) located in the front plate (1a) that communicates with its opening (3), and at least two anchoring elements (6, 6') integral with the front plate (1a) which are in contact with the end section of the cylinder (2). When the clamping element (5) is rotated in the direction of clamping rotation, the front plate (1a) is fixed to the cylinder (2) by means of a coupling clamped onto elements (5) and (6, 6').

IPC 8 full level

E05B 9/08 (2006.01); **E05B 15/02** (2006.01)

CPC (source: EP ES)

E05B 3/00 (2013.01 - ES); **E05B 9/04** (2013.01 - ES); **E05B 9/084** (2013.01 - EP); **E05B 15/02** (2013.01 - EP); **E05B 47/00** (2013.01 - ES); **E05B 47/02** (2013.01 - ES); **E05B 2047/0091** (2013.01 - EP ES)

Citation (applicant)

ES 2725973 B2 20200130 - SALTO SYSTEMS SL [ES]

Citation (search report)

- [XA] US 2022101672 A1 20220331 - ABUESHSHEIKH RAMI [US], et al
- [A] WO 2022034531 A1 20220217 - LITWINSKI ARTUR [PL]
- [A] WO 2022172928 A1 20220818 - MINEBEA MITSUMI INC [JP]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4361383 A1 20240501; ES 2970591 A1 20240529

DOCDB simple family (application)

EP 23205715 A 20231025; ES 202230923 A 20221026