

Title (en)

LOCKING DEVICE FOR COMPRESSED CLOSING OF A DOOR

Title (de)

VERRIEGELUNGSVORRICHTUNG ZUM DRUCKVERSCHLIESSEN EINER TÜR

Title (fr)

DISPOSITIF DE VERROUILLAGE DE FERMETURE COMPRIMÉE D'UNE PORTE

Publication

EP 3653817 A1 20200520 (EN)

Application

EP 18206914 A 20181119

Priority

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Abstract (en)

A locking device (100) for a door arrangement (200), comprising: a frame member (20) configured to be arranged to a door frame (220); a housing (10) configured to be arranged to a door (210); a cam unit (30) rotatably coupled to the housing (10) to rotate about a rotational axis (R) between a primary locking position in which the cam unit (30) is engaged with the frame member (20), and a releasing position in which it is released from the frame member (20); the cam unit (30) being rotatable to a secondary locking position between said primary locking position and said releasing position, in which position it is also engaged with the frame member (20), wherein the frame member (20) is configured to bias the cam unit (30) toward a mounting side of the frame member (20) with a greater biasing force (F) in the primary locking position than in the secondary locking position.

IPC 8 full level

E05B 15/02 (2006.01); **E05B 65/00** (2006.01); **E05C 3/04** (2006.01)

CPC (source: EP)

E05B 15/021 (2013.01); **E05B 17/0025** (2013.01); **E05B 17/2019** (2013.01); **E05B 65/001** (2013.01); **E05C 3/043** (2013.01)

Citation (search report)

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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)

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DOCDB simple family (application)

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