

Title (en)

OVERHEAD FOLDING SYSTEM AND LOCKING DEVICE, DRIVE DEVICE AND FRAME THEREFOR

Title (de)

HEBEFALTSYSTEM SOWIE VERRIEGELUNGSEINRICHTUNG, ANTRIEBSEINRICHTUNG UND RAHMEN DAFÜR

Title (fr)

SYSTÈME PLIANT RELEVABLE AINSI QUE DISPOSITIF DE VERROUILLAGE, DISPOSITIF D'ENTRAÎNEMENT ET CADRE POUR LEDIT SYSTÈME

Publication

EP 3464766 A2 20190410 (DE)

Application

EP 17734233 A 20170602

Priority

- DE 202016003448 U 20160603
- EP 2017000647 W 20170602

Abstract (en)

[origin: WO2017207102A2] The invention relates to an overhead folding system, especially an overhead folding door (1). The drive device for said overhead folding door (1) is fastened to the opening of a building, for example to the lintel (5) or in the region of the lintel (5). The overhead folding system (1) comprises a pair of (door) wings (2, 3) with a lintel-end wing (2) and a bottom-end wing (3). The lifting and lowering of the overhead folding system (1) is achieved by at least one traction element (10) which is fastened to the bottom-end wing (3), in particular close to the bottom, and can be moved by means of a drive shaft (15). The system comprises at least one locking device (43) by means of which the overhead folding system (1) and/or the lintel-end wing (2) and/or the bottom-end wing (3) and/or the traction element (10) can be locked in the closed position. Said locking device (43) can be locked or unlocked via the drive device, especially via a locking driver element (19) connected to the drive device. The locking device comprises at least one locking element (20), especially in the form of a bolt (21) or claw or hook (22) or tong-type element, which mechanically cooperates with a locking receptacle (24) provided on the ground (9) or with a locking receptacle (24) in the frame (7).

IPC 8 full level

E05D 13/00 (2006.01); **E05B 65/00** (2006.01); **E05D 15/26** (2006.01); **E05F 15/605** (2015.01)

CPC (source: EP)

E05B 65/0021 (2013.01); **E05D 13/1253** (2013.01); **E05D 15/262** (2013.01); **E05F 15/605** (2015.01); **E05Y 2201/22** (2013.01); **E05Y 2201/644** (2013.01); **E05Y 2900/106** (2013.01)

Citation (search report)

See references of WO 2017207102A2

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)

DE 202016003448 U1 20170905; EP 3464766 A2 20190410; EP 3464766 B1 20220112; WO 2017207102 A2 20171207; WO 2017207102 A3 20180308

DOCDB simple family (application)

DE 202016003448 U 20160603; EP 17734233 A 20170602; EP 2017000647 W 20170602