

Title (en)

MEANS FOR SECURING AGAINST OPERATING ERRORS FOR LEAVES OF A WINDOW OR DOOR THAT CAN BE SLID TOGETHER

Title (de)

FEHLBEDIENSICHERUNG FÜR ZUSAMMENSCHIEBBARE FLÜGEL EINES FENSTERS ODER EINER TÜR

Title (fr)

SÉCURITÉ CONTRE LES ERREURS DE MANIPULATION POUR DES BATTANTS COULISSANTS D'UNE FENÊTRE OU D'UNE PORTE

Publication

EP 3788222 A1 20210310 (DE)

Application

EP 19720114 A 20190425

Priority

- DE 102018110603 A 20180503
- EP 2019060559 W 20190425

Abstract (en)

[origin: WO2019211147A1] The invention relates to a fitting assembly (34) and a window or a door (10) comprising a fitting assembly (34) of this type. The fitting assembly (34) has a means (36) for securing against operating errors. The means (36) for securing against operating errors has a first protrusion (38) which can be moved, in particular vertically, relative to a second protrusion (40) by means of a first operating rod assembly (24a). A buffer can be provided between the end sides of the first protrusion (38) and the second protrusion (40). The first protrusion (38) can be designed as a cylinder and/or the second protrusion (40) can be designed such that it extends in an elongated manner in the vertical direction. Particularly preferably, the fitting assembly (34) can have an anti-lifting means with a third protrusion which prevents a lifting of the first leaf (14a). The fitting assembly (34) has preferably multiple carriages and multiple sliders in order to position leaves (14a, 14b) of the window or the door (10) into their slide position in parallel with the main plane of the window or the door (10). In contrast, in the blocking position, the leaves (14a, 14b) can be pressed against a fixed frame (12) of the window or the door (10) via the fitting assembly (34) with multiple carriages and multiple sliders, in order to reliably seal the window or the door (10).

IPC 8 full level

E05D 15/06 (2006.01); **E05B 65/08** (2006.01); **E05C 7/04** (2006.01); **E05D 15/56** (2006.01); **E05F 17/00** (2006.01)

CPC (source: EP KR US)

E05B 65/087 (2013.01 - EP); **E05B 65/0876** (2013.01 - KR US); **E05C 7/04** (2013.01 - EP); **E05C 7/045** (2013.01 - KR US); **E05D 15/0604** (2013.01 - KR US); **E05D 15/0665** (2013.01 - EP KR); **E05D 15/56** (2013.01 - EP KR US); **E05F 17/004** (2013.01 - EP KR US); **E05D 15/0604** (2013.01 - EP); **E05D 15/0665** (2013.01 - US); **E05D 15/565** (2013.01 - EP); **E05F 2017/005** (2013.01 - EP); **E05F 2017/007** (2013.01 - KR US); **E05Y 2201/224** (2013.01 - EP); **E05Y 2201/412** (2013.01 - EP KR US); **E05Y 2800/424** (2013.01 - EP); **E05Y 2800/71** (2013.01 - EP); **E05Y 2900/132** (2013.01 - EP KR US); **E05Y 2900/148** (2013.01 - EP KR US)

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)

WO 2019211147 A1 20191107; CA 3088482 A1 20191107; CN 111566302 A 20200821; CN 111566302 B 20220415; DE 102018110603 A1 20191107; DE 102018110603 B4 20200709; EP 3788222 A1 20210310; EP 3788222 B1 20230614; EP 3788222 C0 20230614; ES 2950120 T3 20231005; KR 102524238 B1 20230420; KR 20210003719 A 20210112; PL 3788222 T3 20231023; US 12006748 B2 20240611; US 2020392776 A1 20201217

DOCDB simple family (application)

EP 2019060559 W 20190425; CA 3088482 A 20190425; CN 201980007633 A 20190425; DE 102018110603 A 20180503; EP 19720114 A 20190425; ES 19720114 T 20190425; KR 20207023350 A 20190425; PL 19720114 T 20190425; US 201916971943 A 20190425