

Title (en)
FITTING ASSEMBLY FOR A LEAF THAT CAN BE MOVED AWAY IN PARALLEL AND CLOSURE ASSEMBLY FOR A BUILDING OPENING

Title (de)
BESCHLAGANORDNUNG FÜR EINEN PARALLELABSTELLBAREN FLÜGEL UND VERSCHLUSSANORDNUNG FÜR EINE GEBÄUDEÖFFNUNG

Title (fr)
ENSEMBLE RACCORD POUR UN OUVRANT QUI PEUT ÊTRE ÉLOIGNÉ EN PARALLÈLE ET ENSEMBLE FERMETURE POUR UNE OUVERTURE DE BÂTIMENT

Publication
EP 4004316 A1 20220601 (DE)

Application
EP 20746644 A 20200727

Priority
• EP 2020071159 W 20200727
• DE 102019211424 A 20190731
• DE 102019216524 A 20191028

Abstract (en)
[origin: WO2021018850A1] The invention relates to a fitting assembly (20) for a leaf (14) of a sliding window or a sliding door that can be moved away in parallel, comprising a control unit (36) having a mounting part (38) for fixing on the leaf (14) and an adjusting part (40) moving relative to the mounting part (38) for moving the leaf (14) away in parallel, and comprising a movement unit (34) secured to the control unit (36) and having an energy storage device (44) and an activation element (46) for the energy storage device (44). The invention also relates to a closure assembly (10), in particular a sliding window or a sliding door, for a building opening, comprising a frame (12), a control unit (36) having a mounting part (38) fixed to the leaf and an adjusting part (40) moving relative to the mounting part (38), a leaf (14) which can be moved, by means of the control unit, towards the frame (12) in a closing position, and away from the frame (12) in parallel, such that the leaf moves along a guide rail (28) of the frame (12), and a movement unit (34) secured to the control unit (36) for supporting a movement, preferably independent movement, of the leaf (14) along the guide rail (28).

IPC 8 full level
E05D 15/10 (2006.01); **E05F 1/16** (2006.01); **E05F 5/00** (2017.01)

CPC (source: CN EP KR US)
E05D 15/10 (2013.01 - CN EP KR US); **E05F 1/16** (2013.01 - CN EP KR US); **E05F 5/003** (2013.01 - CN EP KR US); **E06B 3/50** (2013.01 - US); **E05D 2015/1028** (2013.01 - CN EP KR); **E05Y 2201/21** (2013.01 - US); **E05Y 2201/412** (2013.01 - CN EP KR); **E05Y 2201/64** (2013.01 - US); **E05Y 2900/132** (2013.01 - CN EP KR US); **E05Y 2900/148** (2013.01 - 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 2021018850 A1 20210204; CA 3144844 A1 20210204; CN 114174624 A 20220311; CN 114174624 B 20230901; DE 102019216524 A1 20210204; DE 102019216524 B4 20210527; EP 4004316 A1 20220601; EP 4004316 B1 20240911; KR 20220038662 A 20220329; US 12012791 B2 20240618; US 2022154507 A1 20220519

DOCDB simple family (application)
EP 2020071159 W 20200727; CA 3144844 A 20200727; CN 202080055087 A 20200727; DE 102019216524 A 20191028; EP 20746644 A 20200727; KR 20227000083 A 20200727; US 202217649244 A 20220128