

Title (en)
SLIDING AND ROTATING LEAF SYSTEM

Title (de)
SCHIEBE- UND DREHFLÜGELSYSTEM

Title (fr)
SYSTÈME DE BATTANT COULISSANT ET TOURNANT

Publication
EP 3835526 B1 20211110 (DE)

Application
EP 19215952 A 20191213

Priority
EP 19215952 A 20191213

Abstract (en)
[origin: WO2021115656A1] The invention relates to a slide-and-swing wing system, comprising - at least one rail profile (1, 2); at least two wings (3), which are each mounted so as to be displaceable in the at least one rail profile (1, 2) via two support elements (4), wherein the at least one rail profile (1, 2) has a lateral outlet opening (13) for unlatching a support element (4) of a wing (3), and wherein one wing (30) functions as a door leaf which, with all of the other wings (3) in the latched state, is pivotable into the remaining opening; and a closure mechanism (6, 7) making it possible to prevent the door leaf (30) from being opened. The closure mechanism (6, 7) comprises a drive, and also an operating part (61, 72), via which the drive can be actuated, wherein the door leaf (30) is displaceable, via the drive, in the rail profile (1, 2) in the direction of the adjacent wing (3) to such an extent that no support element (4) of the door leaf (30) is aligned with the outlet opening (13), thereby preventing a support element (4) from coming out through the lateral outlet opening (13).

IPC 8 full level
E05B 17/00 (2006.01); **E05D 15/58** (2006.01)

CPC (source: CN EP US)
E05B 17/0025 (2013.01 - EP); **E05B 63/0052** (2013.01 - EP); **E05B 65/0835** (2013.01 - US); **E05B 65/087** (2013.01 - EP US); **E05B 65/0876** (2013.01 - EP); **E05B 65/0882** (2013.01 - EP); **E05C 5/02** (2013.01 - US); **E05D 13/00** (2013.01 - CN); **E05D 15/48** (2013.01 - US); **E05D 15/58** (2013.01 - EP); **E05F 11/02** (2013.01 - US); **E05F 15/00** (2013.01 - CN); **E06B 3/5054** (2013.01 - CN); **E06B 3/5072** (2013.01 - US); **E06B 7/28** (2013.01 - CN); **E05B 65/08** (2013.01 - EP); **E05D 3/02** (2013.01 - EP); **E05D 15/0604** (2013.01 - EP); **E05D 2015/485** (2013.01 - US); **E05D 2015/586** (2013.01 - EP); **E05F 9/00** (2013.01 - EP); **E05Y 2201/22** (2013.01 - EP); **E05Y 2201/412** (2013.01 - EP); **E05Y 2201/638** (2013.01 - US); **E05Y 2201/68** (2013.01 - EP); **E05Y 2201/684** (2013.01 - US); **E05Y 2201/686** (2013.01 - US); **E05Y 2201/688** (2013.01 - US); **E05Y 2201/722** (2013.01 - US); **E05Y 2800/00** (2013.01 - EP); **E05Y 2800/102** (2013.01 - US); **E05Y 2800/40** (2013.01 - EP); **E05Y 2800/409** (2013.01 - EP); **E05Y 2800/672** (2013.01 - EP); **E05Y 2900/132** (2013.01 - US); **E05Y 2900/15** (2013.01 - EP)

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

DOCDB simple family (publication)
EP 3835526 A1 20210616; **EP 3835526 B1 20211110**; CL 2021002544 A1 20220701; CN 113631791 A 20211109; ES 2903142 T3 20220331; MX 2021012814 A 20220628; PT 3835526 T 20211228; US 2022154521 A1 20220519; WO 2021115656 A1 20210617; ZA 202106109 B 20220629

DOCDB simple family (application)
EP 19215952 A 20191213; CL 2021002544 A 20210930; CN 202080027873 A 20200928; EP 2020077131 W 20200928; ES 19215952 T 20191213; MX 2021012814 A 20200928; PT 19215952 T 20191213; US 202017439572 A 20200928; ZA 202106109 A 20210824