Title (en)

Sliding and rotating leaf system

Title (de

Schiebe- und Drehflügelsystem

Title (fr)

Système de battant coulissant et rotatif

Publication

EP 3045638 B1 20161207 (DE)

Application

EP 15151501 A 20150116

Priority

EP 15151501 A 20150116

Abstract (en)

[origin: WO2016113224A1] The invention relates to a slide and swing leaf/sash system, comprising a floor rail profile (1) and a ceiling rail profile (2) which are each C-shaped and in which at least two leaves/sashes (3) arranged therebetween are displaceably guided, which leaves/sashes are mounted at least in each case by means of at least one carriage (4, 5) in the floor rail profile (1) in such a way that, in the swivelled-in state of the leaves/sashes (3), the weight load of the leaves/sashes (3) is completely absorbed by the floor rail profile (1). At least one lateral outlet opening (16) for releasing a leaf/sash (3) is arranged in the floor rail profile (1), a lifting runner (49), which is arranged above the floor rail profile (1), being mounted on at least one leaf/sash (3), a ramp element (62) being arranged on the floor rail (1) adjacent to at least one outlet opening (16) and interacting with the lifting runner (49) in such a way that the leaf/sash (3) is raised on passing the ramp element (62).

IPC 8 full level

E05D 15/58 (2006.01)

CPC (source: EP US)

E05D 15/58 (2013.01 - EP US); E05Y 2201/614 (2013.01 - EP US); E05Y 2201/638 (2013.01 - EP US); E05Y 2201/684 (2013.01 - EP US); E05Y 2900/132 (2013.01 - EP US); E05Y 2900/15 (2013.01 - EP US)

Cited by

EP3486416A1

Designated contracting state (EPC)

ÂL 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 3045638 A1 20160720; **EP 3045638 B1 20161207**; CL 2016002687 A1 20170203; ES 2617138 T3 20170615; US 10119315 B2 20181106; US 2017130499 A1 20170511; WO 2016113224 A1 20160721; ZA 201605984 B 20170927

DOCDB simple family (application)

EP 15151501 Á 20150116; CL 2016002687 A 20161021; EP 2016050387 W 20160111; ES 15151501 T 20150116; US 201615127593 A 20160111; ZA 201605984 A 20160829