

Title (en)

BRAKING AND LOCKING STRUCTURE FOR SLIDING WINGS

Title (de)

DÄMPFUNGS- UND VERRIEGELUNGSVORRICHTUNG FÜR SCHIEBETÜREN

Title (fr)

DISPOSITIF DE FREINAGE ET VÉROUILLAGE POUR PORTES COULISSANTES

Publication

EP 3153650 B1 20180620 (EN)

Application

EP 16020367 A 20161005

Priority

IT UB20154117 A 20151005

Abstract (en)

[origin: EP3153650A1] A braking and locking structure (1) for sliding wing, comprising a fixed portion (2) that can be associated with a fixed part (5) of a recess or enclosed space, and a movable portion (3) that can be associated with a wing (4) adapted to close the recess; said fixed portion (2) and said movable portion (3) defining at least one end position, in which said movable portion (3) is arranged at least partially above said fixed portion (2), and an intermediate position, in which said movable portion (3) is spaced away from said fixed portion (2); said structure (1) comprising magnetic means, adapted to urge said movable portion (3) along a longitudinal direction from said intermediate position to said end position, and damping means adapted to slow down and brake said movable portion (3) as it reaches said end position; said magnetic means comprising magnetic elements (26,33) arranged longitudinally in said fixed and movable portions (2,3); in said end position, said magnetic elements (26,33) being positioned one above the other.

IPC 8 full level

E05F 5/02 (2006.01)

CPC (source: EP)

E05F 5/027 (2013.01); **E05F 1/16** (2013.01); **E05F 5/003** (2013.01); **E05Y 2201/46** (2013.01); **E05Y 2900/20** (2013.01)

Cited by

IT201600104011A1; IT201800002595A1; IT202000018301A1

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 3153650 A1 20170412; **EP 3153650 B1 20180620**; ES 2686525 T3 20181018; IT UB20154117 A1 20170405

DOCDB simple family (application)

EP 16020367 A 20161005; ES 16020367 T 20161005; IT UB20154117 A 20151005