

Title (en)

SLIDING WINDOW WITH IMPROVED AIR TIGHTNESS

Title (de)

SCHIEBEFENSTER MIT VERBESSERTER LUFTDICHTIGKEIT

Title (fr)

FENÊTRE COULISSANTE PRÉSENTANT UNE ÉTANCHÉITÉ AMÉLIORÉE À L'AIR

Publication

EP 2885479 B1 20180228 (EN)

Application

EP 13879256 A 20130730

Priority

- KR 20120088669 A 20120814
- KR 2013006835 W 20130730

Abstract (en)

[origin: WO2014027770A1] The present invention relates to a sliding window 100 with improved air tightness including a window frame 110 having a plurality of rails 111 disposed along the longitudinal direction thereof, at least one pair of window sashes 120 slidably coupled to the rails 111, and wheel assemblies 200 rotatably mounted on facing surfaces 123 of the window sashes 120 laid on each other when the window sashes 120 are closed, whereby at the moment when the wheel assemblies 200 are rolling-contacted with the facing surfaces 123 of the window sashes 120 upon the closing manipulation of the window sashes 120, the window sashes 120 are horizontally moved in the direction perpendicular to the sliding direction thereof.

IPC 8 full level

E06B 7/16 (2006.01); **E05D 15/08** (2006.01); **E06B 3/46** (2006.01); **E06B 7/22** (2006.01)

CPC (source: EP KR)

E05D 15/06 (2013.01 - KR); **E05D 15/08** (2013.01 - EP); **E06B 3/46** (2013.01 - KR); **E06B 3/4609** (2013.01 - EP); **E06B 7/16** (2013.01 - EP KR);
E06B 7/22 (2013.01 - EP); **E05Y 2800/12** (2013.01 - EP); **E05Y 2900/20** (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)

WO 2014027770 A1 20140220; CN 104641066 A 20150520; CN 104641066 B 20160504; EP 2885479 A1 20150624; EP 2885479 A4 20160330;
EP 2885479 B1 20180228; IN 2669MUN2014 A 20150828; KR 20140022530 A 20140225; RU 2589634 C1 20160710

DOCDB simple family (application)

KR 2013006835 W 20130730; CN 201380039283 A 20130730; EP 13879256 A 20130730; IN 2669MUN2014 A 20141230;
KR 20120088669 A 20120814; RU 2015104985 A 20130730