

Title (en)
SLIDING WINDOW

Title (de)
SCHIEBEFENSTER

Title (fr)
FENÊTRE COULISSANTE

Publication
EP 2881530 B1 20180829 (EN)

Application
EP 13826041 A 20130729

Priority
• KR 20120006933 U 20120801
• KR 2013006790 W 20130729

Abstract (en)
[origin: EP2881530A1] A sliding window including: a window frame that is fixed in a wall and is provided with at least one rail therein; and a sash that is provided with a window wheel unit in contact with the rail of the window frame, and is provided with a diverting unit for diverting wheels of the window wheel unit. Due to the diverting unit, the window wheel unit can bring the sash into close contact with or can release the sash from the window frame, so the sliding window can remove a narrow gap from between the sash and the window frame. Accordingly, not only airtight, watertight, insulating, and soundproof performance can be improved, but also wind pressure resistance performance can be improved.

IPC 8 full level
E05D 13/00 (2006.01); **E05D 15/10** (2006.01); **E05D 15/56** (2006.01); **E06B 3/46** (2006.01); **E06B 7/26** (2006.01); **E05D 15/06** (2006.01)

CPC (source: CN EP KR)
E05D 13/00 (2013.01 - KR); **E05D 15/06** (2013.01 - KR); **E05D 15/0604** (2013.01 - EP); **E05D 15/10** (2013.01 - CN EP); **E05D 15/56** (2013.01 - EP); **E06B 3/46** (2013.01 - KR); **E06B 3/4627** (2013.01 - CN EP); **E06B 7/26** (2013.01 - CN EP); **E05D 15/0669** (2013.01 - EP); **E05D 2015/1039** (2013.01 - CN EP); **E05Y 2800/12** (2013.01 - EP)

Cited by
DE102014220837B3; WO2022037905A1; WO2023143827A1

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 2881530 A1 20150610; **EP 2881530 A4 20160420**; **EP 2881530 B1 20180829**; CN 104508225 A 20150408; CN 104508225 B 20170524; KR 200474799 Y1 20141015; KR 20140000968 U 20140212; WO 2014021598 A1 20140206

DOCDB simple family (application)
EP 13826041 A 20130729; CN 201380040936 A 20130729; KR 20120006933 U 20120801; KR 2013006790 W 20130729