

Title (en)
Opening grating

Title (de)
Öffnungsgitter

Title (fr)
Grille pour ouverture

Publication
EP 2058469 A2 20090513 (EN)

Application
EP 08019414 A 20081106

Priority
IT RN20070057 A 20071112

Abstract (en)
A folding grating (10) comprised of a pair of fixed horizontal guides (11) for securing to door or window openings, a set of vertical uprights (13) with ends (13a, 13b) sustained slidably in the guides (11) and moving in parallel. Smooth mechanisms (14) comprised of two rod-shaped elements (15, 16) that are joined to one another, are placed between pairs of adjacent uprights (13). The elements (15, 16) are joined together at an intermediate pivot point (15c) on one single element (15, 16). The first element (15) has an end (15a) mounted pivotably to a fixed pin (17) on a first upright (13') and one end (15b) retained and guided by a second upright (13''), which is adjacent to the first (13'). The second element (16) has one end (16a) mounted pivotably to a fixed pin (18) on a second upright (13'') and the other end (16b) mounted pivotably in point (15c) of the intermediate pivot point of the first element (15).

IPC 8 full level
E06B 9/06 (2006.01)

CPC (source: EP)
E06B 9/063 (2013.01); **E06B 9/0661** (2013.01)

Citation (applicant)
US 4006768 A 19770208 - HORGAN JR WILLIAM J

Cited by
CN110644909A; ITMI20120799A1; US2019390510A1; US10988977B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2058469 A2 20090513; EP 2058469 A3 20140514; IT RN20070057 A1 20080211

DOCDB simple family (application)
EP 08019414 A 20081106; IT RN20070057 A 20071112