

Title (en)

SUPPORT STRUCTURE FOR ROTATING SHUTTERS

Title (de)

TRÄGERSTRUKTUR FÜR EINEN ROLLADEN

Title (fr)

STRUCTURE DE SUPPORT PERMETTANT DE FAIRE TOURNER DES VOLETS

Publication

**EP 2109706 B1 20120229 (EN)**

Application

**EP 08702291 A 20080123**

Priority

- IB 2008000138 W 20080123
- IT MI20070159 A 20070131

Abstract (en)

[origin: WO2008093189A1] A support structure for leaf shutters (2) comprises two facing uprights (4,5), an upper cross-member (6) connecting together said uprights (4,5) and hinges (8) for enabling the shutter leaves (3) to rotate. Advantageously the hinges (8) fixed to a respective upright (4,5) are positioned so as to have their respective axes of rotation substantially aligned together along a straight line (X-X) intersecting the upper cross-member (6). Furthermore the upper cross-member (6) defines a housing (9) suitable for housing actuating means (12) for actuating the shutter leaves, so that the actuating means (12) have a rotating shaft (13) extending in alignment with the axes of rotation of the hinges (8) of a respective upright (4,5).

IPC 8 full level

**E05F 15/12** (2006.01); **E05D 5/04** (2006.01); **E05F 15/10** (2006.01)

CPC (source: EP)

**C10L 1/326** (2013.01); **E05F 15/63** (2015.01); **E05D 5/04** (2013.01); **E05F 15/605** (2015.01); **E05F 15/614** (2015.01); **E05Y 2201/10** (2013.01);  
**E05Y 2900/146** (2013.01)

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

DOCDB simple family (publication)

**WO 2008093189 A1 20080807**; AT E547583 T1 20120315; EP 2109706 A1 20091021; EP 2109706 B1 20120229; IT MI20070159 A1 20080801

DOCDB simple family (application)

**IB 2008000138 W 20080123**; AT 08702291 T 20080123; EP 08702291 A 20080123; IT MI20070159 A 20070131