

Title (en)
Shutter device

Title (de)
Blendenvorrichtung

Title (fr)
Dispositif obturateur

Publication
EP 2019183 A2 20090128 (EN)

Application
EP 08161124 A 20080724

Priority
IT BO20070514 A 20070725

Abstract (en)
A shutter device includes a plurality of fins (2) almost parallel, each having at least two elongate longitudinal sides ending in correspondence of the side ends (3). Such fins are reciprocally connected and movable between end conditions of closing and opening of the window, door or passage to which the shutter device (1) is associated. The connection between the fins (2) is made by means of connecting levers (4) each rotatingly centrally connected to a middle portion of a fin (2) and having the two opposite ends respectively connected, in rotating way, to opposed portions of the fins (2) contiguous to the fin (2) to which the lever (4) is centrally connected. Thus, such fins (2) and levers (4) carry out a reciprocal pantograph connection.

IPC 8 full level
E06B 9/06 (2006.01)

CPC (source: EP)
E06B 9/0638 (2013.01); **E06B 9/0676** (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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2019183 A2 20090128; **EP 2019183 A3 20141231**; **EP 2019183 B1 20170719**; DK 2019183 T3 20171023; ES 2640725 T3 20171106; IT BO20070514 A1 20090126; PL 2019183 T3 20171229; PT 2019183 T 20171102

DOCDB simple family (application)
EP 08161124 A 20080724; DK 08161124 T 20080724; ES 08161124 T 20080724; IT BO20070514 A 20070725; PL 08161124 T 20080724; PT 08161124 T 20080724