

Title (en)  
ACTUATING SYSTEM FOR BI-FOLD DOOR

Title (de)  
ANTRIEBSSYSTEM FÜR ZWEIFLÜGELIGE FALTTÜR

Title (fr)  
SYSTÈME D'ENTRAÎNEMENT POUR PORTE PLIANTE À DEUX PANNEAUX

Publication  
**EP 3138983 B1 20201104 (EN)**

Application  
**EP 16186736 A 20160901**

Priority  
IT UB20153409 A 20150904

Abstract (en)  
[origin: EP3138983A1] A. device (MC) is described being destined to move two panels (10, 12) hinged to each other on an edge thereof and mounted to vertically folding book-like one on the other in front of an opening to be obscured, comprising: a rack (30) mounted to the sides of the opening; an electric motor (64) located on the bottom panel (12); and a rotatable pinion (60) driven by the motor and engageable on the rack to translate on the rack and thereby vertically lifting the bottom panel; New functionalities of the system are obtained if the rack is mounted to be able to move linearly along its longitudinal axis.

IPC 8 full level  
**E05D 15/26** (2006.01); **E05F 15/605** (2015.01); **E05F 15/665** (2015.01); **E05F 15/67** (2015.01)

CPC (source: EP)  
**E05D 15/262** (2013.01); **E05D 15/264** (2013.01); **E05F 15/605** (2015.01); **E05F 15/665** (2015.01); **E05F 15/67** (2015.01); **E05Y 2201/238** (2013.01); **E05Y 2201/722** (2013.01); **E05Y 2600/46** (2013.01)

Cited by  
CN113439147A; CN111877912A; US11530566B2; US2022372808A1

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 3138983 A1 20170308**; **EP 3138983 B1 20201104**; BR 102016020020 A2 20170314; ES 2844726 T3 20210722; IT UB20153409 A1 20170304

DOCDB simple family (application)  
**EP 16186736 A 20160901**; BR 102016020020 A 20160830; ES 16186736 T 20160901; IT UB20153409 A 20150904