

Title (en)
IMPROVED MOTORIZED WINDOW SHADE MECHANISM

Title (de)
VERBESSERTER MOTORISierter FENSTERLADENMECHANISMUS

Title (fr)
MÉCANISME AMÉLIORÉ DE STORE MOTORISÉ

Publication
EP 2665395 A4 20151014 (EN)

Application
EP 12734318 A 20120113

Priority
• US 201161432489 P 20110113
• US 2012021179 W 20120113

Abstract (en)
[origin: WO2012097211A1] A motorized window shade assembly for controlling an amount of light through a porthole. A spring roller is positioned by a first side of the porthole and has a torsion spring for imparting a rotating force to the spring roller. A shade is supported by the spring roller and has a first end fixed to the spring roller and a second end extendable over the porthole. A shade actuator is connected to the shade, the shade actuator having one or more of a pulley and cable for moving the second end of the shade across the porthole. A motor assembly is positioned proximate a second side of the porthole, the motor assembly having a motor which receives operating power from a power source. The motor is releasably coupled to the shade actuator for selectively supplying motor-controlled operation to the shade actuator.

IPC 8 full level
A47H 5/032 (2006.01); **B64C 1/14** (2006.01); **E06B 9/262** (2006.01); **E06B 9/327** (2006.01); **E06B 9/74** (2006.01)

CPC (source: EP US)
A47H 5/0325 (2013.01 - US); **B64C 1/1492** (2013.01 - EP US); **E06B 9/262** (2013.01 - EP US); **E06B 9/327** (2013.01 - EP US); **E06B 9/74** (2013.01 - EP US); **E06B 2009/2625** (2013.01 - EP US)

Citation (search report)
• [X] EP 2189370 A1 20100526 - DIEHL AIRCABIN GMBH [DE]
• See references of WO 2012097211A1

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)
WO 2012097211 A1 20120719; BR 112013018072 A2 20190924; CA 2824059 A1 20120719; CN 103298379 A 20130911; EP 2665395 A1 20131127; EP 2665395 A4 20151014; US 2014048219 A1 20140220

DOCDB simple family (application)
US 2012021179 W 20120113; BR 112013018072 A 20120113; CA 2824059 A 20120113; CN 201280005360 A 20120113; EP 12734318 A 20120113; US 201213979118 A 20120113