

Title (en)
MOTOR UNIT OF ELECTRIC SUN SHADING DEVICE AND METHOD FOR ASSEMBLING MOTOR UNIT OF ELECTRIC SUN SHADING DEVICE

Title (de)
MOTOREINHEIT FÜR EINE ELEKTRISCHE SONNENSCHIRMVORRICHTUNG SOWIE VERFAHREN ZUR MONTAGE DER MOTOREINHEIT FÜR DIE ELEKTRISCHE SONNENSCHIRMVORRICHTUNG

Title (fr)
BLOC-MOTEUR DE DISPOSITIF DE PROTECTION SOLAIRE ÉLECTRIQUE ET PROCÉDÉ D'ASSEMBLAGE DE BLOC-MOTEUR DE DISPOSITIF DE PROTECTION SOLAIRE ÉLECTRIQUE

Publication
EP 2820979 A4 20150624 (EN)

Application
EP 13755078 A 20130225

Priority
• JP 2012040806 A 20120227
• JP 2013054800 W 20130225

Abstract (en)
[origin: EP2820979A1] In a motor unit of an electric sunlight shielding apparatus in which a base member of the motor unit containing a motor is attached to an end portion of a rail for transferring a sunlight shielding material, and the sunlight shielding material is transferred along the rail by the working of the motor unit, a motor assembly provided with the motor (8), a power source board (11) and a control board (12) are integrally fixable to the base member (15) via a fixing bracket (20, 26, 36), and the motor assembly, the power source board (11) and the control board (12) integrally fixed to the base member (15) are capable of being inserted together in a motor case (7).

IPC 1-7
E05F 15/10

IPC 8 full level
A47H 5/02 (2006.01)

CPC (source: EP)
A47H 5/0325 (2013.01)

Citation (search report)
• [X] KR 20070095589 A 20071001 - CHEIL INDUSTRY CO LTD [KR]
• [A] AU 488284 B2 19771107 - SYLON INTERNATIONAL LTD [AU]
• [A] EP 2186452 A1 20100519 - SOMFY SAS [FR]
• See references of WO 2013129331A1

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 2820979 A1 20150107; EP 2820979 A4 20150624; EP 2820979 B1 20170329; AU 2013227101 A1 20140911; AU 2013227101 B2 20160505; CN 104135900 A 20141105; CN 104135900 B 20170531; HK 1198355 A1 20150410; IT TO20130150 A1 20130828; JP 6189825 B2 20170830; JP WO2013129331 A1 20150730; SG 11201405029Y A 20141030; TW 201347365 A 20131116; TW I593216 B 20170721; WO 2013129331 A1 20130906

DOCDB simple family (application)
EP 13755078 A 20130225; AU 2013227101 A 20130225; CN 201380010895 A 20130225; HK 14111810 A 20141121; IT TO20130150 A 20130225; JP 2013054800 W 20130225; JP 2014502214 A 20130225; SG 11201405029Y A 20130225; TW 102106633 A 20130226