

Title (en)
ROLLER BLIND HAVING A SOLAR-DRIVEN ELECTRIC MOTOR

Title (de)
ROLLO MIT SOLARBETRIEBENEM ELEKTROMOTOR

Title (fr)
STORE AVEC MOTEUR ÉLECTRIQUE ALIMENTÉ PAR ÉNERGIE SOLAIRE

Publication
EP 2283199 A1 20110216 (DE)

Application
EP 09737974 A 20090406

Priority

- EP 2009054073 W 20090406
- DE 202008005928 U 20080429

Abstract (en)
[origin: US2011036511A1] A window blind, in particular a Roman blind, having a blind panel (2) and at least one blind ribbon (4) fastened to one side of the blind panel (2) and having a traction mechanism (8) connected thereto, and a winding device (11) disposed at one end of the blind panel (2) having an electromotive drive (13) that is connected to a rechargeable battery (14), and the battery (14) is electrically charged by means of at least one photovoltaic solar cell (15). The solar cell is attached to the blind panel (2), wherein the electric connection between the battery (14) and the solar cell (15) is formed by electric conductors (6a, 6b) that are attached to the blind ribbon (4) and/or the traction mechanism (8). The electrical conductors can be integrated into the blind ribbon and/or a cord which is part of the winding device (11).

IPC 8 full level
E06B 9/24 (2006.01); **E06B 9/68** (2006.01)

CPC (source: EP US)
E06B 9/262 (2013.01 - EP US); **E06B 9/68** (2013.01 - EP US); **E06B 2009/2476** (2013.01 - EP US); **E06B 2009/2627** (2013.01 - EP US)

Citation (search report)
See references of WO 2009132930A1

Cited by
DE102019124389A1; DE102019124389B4

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 MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
US 2011036511 A1 20110217; AT E536459 T1 20111215; DE 202008005928 U1 20090903; EP 2283199 A1 20110216; EP 2283199 B1 20111207; WO 2009132930 A1 20091105

DOCDB simple family (application)
US 98992309 A 20090406; AT 09737974 T 20090406; DE 202008005928 U 20080429; EP 09737974 A 20090406; EP 2009054073 W 20090406