

Title (en)

ELECTRIC MOTOR FOR OPERATING A SHUTTER ELEMENT OR SOLAR PROTECTION ELEMENT IN A BUILDING

Title (de)

ELEKTROMOTOR ZUM BETREIBEN EINES BLENDENELEMENTS ODER EINES SONNENSCHUTZELEMENTS IN EINEM GEBÄUDE

Title (fr)

MOTEUR ELECTRIQUE DE MANOEUVRE D'UN ELEMENT D'OCCULTATION OU DE PROTECTION SOLAIRE DANS UN BATIMENT

Publication

EP 2201662 A1 20100630 (FR)

Application

EP 08866901 A 20081223

Priority

- IB 2008055503 W 20081223
- FR 0709174 A 20071228

Abstract (en)

[origin: WO2009083898A1] Electric motor (100) for operating a shutter element or solar protection element in a building, comprising at least two phases (10; 20, 30; 50, 60) and a magnetized rotor (16; 40; 70) common to the two phases, each phase being relative to a rotor portion (41, 42; 71; 72) along the axis of the rotor and comprising two windings (14, 15), characterized in that each phase comprises an insulating carcass (13) on which the two windings are produced and having a central portion (131) separating the windings, the central portion being provided with a first through-cavity (134) and capable of surrounding a rotor portion passing through the phase.

IPC 8 full level

H02K 1/14 (2006.01); **H02K 16/00** (2006.01)

CPC (source: EP US)

H02K 1/148 (2013.01 - EP US); **H02K 3/522** (2013.01 - EP US); **H02K 16/00** (2013.01 - EP US)

Citation (search report)

See references of WO 2009083898A1

Citation (examination)

- US 6237213 B1 20010529 - BRAUN DOMINIQUE [FR], et al
- US 5275141 A 19940104 - TSUNODA AKIRA [JP], et al

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)

FR 2925989 A1 20090703; **FR 2925989 B1 20100129**; AU 2008345336 A1 20090709; CN 101926071 A 20101222; CN 101926071 B 20130710; EP 2201662 A1 20100630; JP 2011508587 A 20110310; KR 20100106531 A 20101001; RU 2010131452 A 20120210; US 2010270893 A1 20101028; US 8461736 B2 20130611; WO 2009083898 A1 20090709

DOCDB simple family (application)

FR 0709174 A 20071228; AU 2008345336 A 20081223; CN 200880125288 A 20081223; EP 08866901 A 20081223; IB 2008055503 W 20081223; JP 2010540200 A 20081223; KR 20107016724 A 20081223; RU 2010131452 A 20081223; US 80995508 A 20081223