

Title (en)

ELECTRIC ROTOR AND METHOD FOR PROVIDING AN ELECTRIC CONTACT BETWEEN A ROTOR WINDING AND A CONTACT TAB

Title (de)

ELEKTRISCHER ROTOR UND VERFAHREN ZUR BEREITSTELLUNG EINES ELEKTRISCHEN KONTAKTS ZWISCHEN EINER ROTORWICKLUNG UND EINER KONTAKTFAHNE

Title (fr)

ROTOR ÉLECTRIQUE ET PROCÉDÉ D'ÉTABLISSEMENT D'UN CONTACT ÉLECTRIQUE ENTRE UN ENROULEMENT DE ROTOR ET UNE PATTE DE CONTACT

Publication

EP 3513466 A1 20190724 (DE)

Application

EP 17754166 A 20170818

Priority

- DE 102016217516 A 20160914
- EP 2017070904 W 20170818

Abstract (en)

[origin: WO2018050392A1] The invention relates to an electric rotor (10) having a rotor winding (14) with an electric conductor (24) made of a first electrically conductive material; a contact tab (16) of a slip ring assembly (12), said contact tab (16) consisting of a second electrically conductive material which differs from the first electrically conductive material; and a contact element (26) which is designed to produce an electric contact between the electric conductor (24) of the rotor winding (14) and the contact tab (16); wherein the contact element (26) is designed to produce an electric contact to the electric conductor (24) of the rotor winding (14) via a first contact surface (26b) and to produce an electric contact to the contact tab (16) via a second contact surface (26c). The contact element (26) has a third electrically conductive material which differs from the first electrically conductive material at least on the first contact surface (26b).

IPC 8 full level

H01R 39/34 (2006.01); **H01R 4/18** (2006.01); **H01R 4/62** (2006.01); **H02K 3/02** (2006.01); **H02K 13/02** (2006.01)

CPC (source: EP)

H01R 39/34 (2013.01); **H02K 13/02** (2013.01); **H01R 4/188** (2013.01); **H01R 4/62** (2013.01)

Citation (search report)

See references of WO 2018050392A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102016217516 A1 20180315; CN 109792126 A 20190521; EP 3513466 A1 20190724; MX 2019002825 A 20190715; WO 2018050392 A1 20180322

DOCDB simple family (application)

DE 102016217516 A 20160914; CN 201780056622 A 20170818; EP 17754166 A 20170818; EP 2017070904 W 20170818; MX 2019002825 A 20170818