

Title (en)

DEVICE FOR DIVERTING EARTH CURRENTS, MORE PARTICULARLY IN WIND TURBINES

Title (de)

VORRICHTUNG ZUR ABLEITUNG VON ERDUNGSSTRÖMEN, INSBESONDERE IN WINDKRAFTANLAGEN

Title (fr)

DISPOSITIF POUR DÉRIVER DES COURANTS DE MISE À LA TERRE, NOTAMMENT DANS DES ÉOLIENNES

Publication

**EP 3014712 A1 20160504 (DE)**

Application

**EP 14734107 A 20140625**

Priority

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- EP 2014063414 W 20140625

Abstract (en)

[origin: WO2014207047A1] The invention relates to a device for diverting earth currents, more particularly in wind turbines, from electrical machines, comprising an earthing ring mounted on a rotor of the electrical machine and a sliding contact which is connected to earth and is in contact with the earthing ring. The sliding contact element has a carbon brush with an apparent density between 1.1 and 1.4 g/cm<sup>3</sup>, and the carbon brush contains a metal insert made of silver, the silver content being between 1 and 8%.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2014207047A1

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