

Title (en)

SLIP RING FOR CONTINUOUS CURRENT TRANSFER

Title (de)

SCHLEIFRINGKÖRPER ZUR KONTINUIERLICHEN STROMÜBERTRAGUNG

Title (fr)

CORPS DE BAGUE COLLECTRICE POUR LE TRANSFERT DE COURANT CONTINU

Publication

**EP 1935064 A1 20080625 (DE)**

Application

**EP 06806060 A 20061005**

Priority

- EP 2006009651 W 20061005
- DE 102005047799 A 20051005

Abstract (en)

[origin: WO2007039302A1] The invention relates to a slip ring consisting of a substrate material and a sliding contact surface made of gold or a gold alloy, the sliding contact surface being stabilised by a support base, and to the use of a slip ring in slip ring transmitters (in particular in wind power plants or industrial robots), for transmitting control signals and control currents and generator currents. An extended service life, in conjunction with improved quality, a reduced drop in voltage and considerable savings in the amount of gold used can be achieved with the invention.

IPC 8 full level

**H01R 39/02** (2006.01)

CPC (source: EP US)

**H01R 39/025** (2013.01 - EP US); **H01R 13/6691** (2013.01 - EP US); **H01R 39/08** (2013.01 - EP US); **Y10T 29/49011** (2015.01 - EP US)

Citation (search report)

See references of WO 2007039302A1

Citation (examination)

US 5066550 A 19911119 - HORIBE KINYA [JP], et al

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DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 2006009651 W 20061005**; CN 200680036548 A 20061005; DE 102005047799 A 20051005; EP 06806060 A 20061005; JP 2008533940 A 20061005; US 6261408 A 20080404