

Title (en)

Device for transmission of electrical current between a fixed terminal and a rotating ring

Title (de)

Vorrichtung zur Übertragung von elektrischem Strom von einem feststehenden Anschluss auf einen drehbaren Ring

Title (fr)

Dispositif pour la transmission de courant électrique entre une borne fixe et un anneau rotatif

Publication

EP 1148601 A3 20020327 (DE)

Application

EP 01108559 A 20010405

Priority

DE 10019621 A 20000419

Abstract (en)

[origin: EP1148601A2] The device has a bush (3) with a cable connection (6) on an insulating tube (4) forming the fixed connection with an electrically conducting rotor wheel (1) in electrical contact and connected to the metal ring (2) via a metal spring (12) as a drive element. Several bushes are separately mounted on the insulating tube using insulating discs.

IPC 1-7

H01R 35/00; **H01R 39/64**

IPC 8 full level

H01R 35/00 (2006.01); **H01R 35/04** (2006.01); **H01R 39/64** (2006.01)

CPC (source: EP)

H01R 35/04 (2013.01)

Citation (search report)

- [X] US 5977681 A 19991102 - RETZLAFF SCOTT G [US]
- [X] DE 19817796 A1 19991104 - SCHLEIFRING & APPARATEBAU GMBH [DE]
- [X] US 421320 A 18900211
- [A] DE 698279 C 19401106 - BERGWITZER BRAUNKOHLLENWERKE AK
- [A] US 3034081 A 19620508 - HENDRIK BOERDIJK ARIE, et al

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1148601 A2 20011024; **EP 1148601 A3 20020327**; **EP 1148601 B1 20031203**; AT E255778 T1 20031215; DE 10019621 A1 20011025; DE 50101061 D1 20040115

DOCDB simple family (application)

EP 01108559 A 20010405; AT 01108559 T 20010405; DE 10019621 A 20000419; DE 50101061 T 20010405