

Title (en)

ASSEMBLY FOR TRANSMITTING ELECTRICAL SIGNALS AND/OR ENERGY

Title (de)

ANORDNUNG ZUR ÜBERTRAGUNG ELEKTRISCHER SIGNALE UND/ODER ENERGIE

Title (fr)

DISPOSITIF POUR TRANSMETTRE DES SIGNAUX ET/OU DE L'ENERGIE ELECTRIQUES

Publication

**EP 1072070 A1 20010131 (DE)**

Application

**EP 98966595 A 19981231**

Priority

- DE 9803815 W 19981231
- DE 19758261 A 19971231

Abstract (en)

[origin: WO9935720A1] The invention relates to an assembly for transmitting electrical signals and/or energy between units which move in relation to each other, by means of galvanic contacts and especially a sliding contact arrangement. The inventive assembly is characterised in that at least one of the contacts has a base material which is very mechanically stable and in which a second material is intercalated, said second material having good electrical properties in terms of transmitting electrical signals and/or energy. The invention is also characterised in that the second material is distributed in the base material in such a way that at least one other contact touching the aforementioned contact is in contact with the second material over most of the trajectory of movement.

IPC 1-7

**H01R 39/02**; **H01R 39/08**; **H01R 39/22**

IPC 8 full level

**H01R 39/02** (2006.01); **H01R 39/08** (2006.01); **H01R 39/22** (2006.01)

CPC (source: EP US)

**H01R 39/025** (2013.01 - EP US); **H01R 39/08** (2013.01 - EP US); **H01R 39/22** (2013.01 - EP US)

Citation (search report)

See references of WO 9935720A1

Designated contracting state (EPC)

DE FR GB IT NL SE

DOCDB simple family (publication)

**WO 9935720 A1 19990715**; DE 19882079 D2 20001116; DE 59811161 D1 20040513; EP 1072070 A1 20010131; EP 1072070 B1 20040407; JP 2002501290 A 20020115; US 6644977 B1 20031111

DOCDB simple family (application)

**DE 9803815 W 19981231**; DE 19882079 T 19981231; DE 59811161 T 19981231; EP 98966595 A 19981231; JP 2000527996 A 19981231; US 55556700 A 20000822