

Title (en)

Roller-band contact unit for permanent or motion dependent intermittent galvanic connection of two systems

Title (de)

Rollband-Kontakt-Einheit zur permanenten oder bewegungsabhängig intermittierenden galvanischen Verbindung zweier Systeme

Title (fr)

Unité de contact à bande roulante pour connexion intermittente électrolytique permanente ou en fonction du mouvement de deux systèmes

Publication

EP 1708317 A3 20071114 (DE)

Application

EP 06450038 A 20060320

Priority

- AT 5222005 A 20050329
- AT 9132005 A 20050530
- AT 18522005 A 20051114

Abstract (en)

[origin: EP1708317A2] A contact unit has leaf springs (4) or similar flexible materials electrically leading and pressed to contact different bearings provided in suitable contact areas (5, 6). The geometry of the leaf springs in pressed condition slightly deviates from the geometry of the leaf springs in relaxed condition to ensure contact force on the exterior of the bearings on the contact areas and ensure effective current flow cross-section within the contact range.

IPC 8 full level

H01R 39/64 (2006.01)

CPC (source: EP)

H01R 39/643 (2013.01); **H01R 39/28** (2013.01); **H01R 39/34** (2013.01)

Citation (search report)

- [XY] US 2002034887 A1 20020321 - DOLLHOFER KURT [DE], et al
- [XA] FR 2691587 A1 19931126 - VALEO COMMUTATION [FR]
- [XY] CH 446473 A 19671115 - MEOPTA NARODNI PODNIK [CZ]
- [XA] US 3259727 A 19660705 - CASLER WILLIAM A
- [Y] WO 03100919 A1 20031204 - BOSCH GMBH ROBERT [DE], et al
- [YA] US 5775920 A 19980707 - HENDERSON BRENT EUGENE [US]
- [YA] US 3234495 A 19660208 - MARTINEZ MARTINEZ YSIDORE

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1708317 A2 20061004; EP 1708317 A3 20071114

DOCDB simple family (application)

EP 06450038 A 20060320