

Title (en)

Method and assembly for the reduction of use and corrosion of contact surfaces

Title (de)

Verfahren und Vorrichtung zur Verminderung von Abrieb und Korrosion von durch Steckkontaktmitteln beaufschlagte Kontaktflächen

Title (fr)

Méthode et assemblage pour réduire l'usure et la corrosion des surfaces de contacts

Publication

EP 1148585 A3 20030806 (DE)

Application

EP 01109631 A 20010419

Priority

CH 7802000 A 20000419

Abstract (en)

[origin: EP1148585A2] The method involves coating the contact areas (2,3) that are subject to loading by plugging operation with a film of a contact protection material that acts against corrosion and abrasion and that reduces the plugging force. The coating material can be applied repeatedly as required using a bearer (5) with a fiber coating. Independent claims are also included for the following: an arrangement for reducing abrasion and corrosion of contact areas acted upon by plug contact arrangements.

IPC 1-7

H01R 11/28; **H01R 43/00**

IPC 8 full level

H01R 13/03 (2006.01)

CPC (source: EP)

H01R 13/03 (2013.01)

Citation (search report)

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- [Y] US 5201093 A 19930413 - WELLS JAMES M [US], et al
- [A] US 4204294 A 19800527 - HALVERSON ROBERT J [US]
- [A] D.K.GIBSON ET AL: "Materials for sliding electrical contacts", IBM TECHNICAL DISCLOSURE BULLETIN, vol. 23, no. 2, July 1980 (1980-07-01), pages 502, XP002040637

Designated contracting state (EPC)

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