

Title (en)

Electrical contact with elastic return and electrical connection element equipped with at least one such contact

Title (de)

Elektrischer Kontakt mit elastischer Rückstellvorrichtung und elektrischer Verbindungsteil mit mindestens einem solchen Kontakt

Title (fr)

Contact électrique à rappel élastique et élément de connexion électrique muni d'au moins un tel contact

Publication

EP 1568109 A1 20050831 (FR)

Application

EP 03796154 A 20031204

Priority

- FR 0303582 W 20031204
- FR 0215435 A 20021206

Abstract (en)

[origin: FR2848347A1] The electrical contact includes a flexible blade (12) in the form of a circular segment, constituted by a frontal surface part of a conductor piece (13) mounted with a notch (22) at its end. The blade flexes under pressure action exerted by an electrical frictional contact (4). The conductor piece is cylindrical and the flexible blade is in the form of an elliptical or circular segment.

IPC 1-7

H01R 13/24

IPC 8 full level

H01R 11/11 (2006.01); **H01R 13/207** (2006.01); **H01R 13/24** (2006.01); **H01R 43/20** (2006.01); **H01R 13/187** (2006.01); **H01R 13/512** (2006.01); **H01R 13/59** (2006.01); **H01R 13/622** (2006.01)

CPC (source: EP US)

H01R 13/2421 (2013.01 - EP US); **H01R 24/20** (2013.01 - EP US); **H01R 43/20** (2013.01 - EP US); **H01R 13/187** (2013.01 - EP US); **H01R 13/512** (2013.01 - EP US); **H01R 13/59** (2013.01 - EP US); **H01R 13/622** (2013.01 - EP US); **H01R 2101/00** (2013.01 - EP US)

Citation (search report)

See references of WO 2004054038A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

FR 2848347 A1 20040611; **FR 2848347 B1 20050107**; AU 2003298407 A1 20040630; AU 2003298407 B2 20081120; DE 60308894 D1 20061116; DE 60308894 T2 20070308; EP 1568109 A1 20050831; EP 1568109 B1 20061004; ES 2273082 T3 20070501; US 2005130475 A1 20050616; US 7182614 B2 20070227; WO 2004054038 A1 20040624

DOCDB simple family (application)

FR 0215435 A 20021206; AU 2003298407 A 20031204; DE 60308894 T 20031204; EP 03796154 A 20031204; ES 03796154 T 20031204; FR 0303582 W 20031204; US 3698205 A 20050119