

Title (en)

ELECTRICAL PRESSURE CONTACT INCORPORATING CLOSING AND INTERRUPTING CAPABILITY

Publication

EP 0102285 B1 19860409 (FR)

Application

EP 83401610 A 19830803

Priority

- FR 8213891 A 19820809
- FR 8504198 A 19850321

Abstract (en)

[origin: US4516819A] A pressure contact is capable of providing an electrical connection between a plug connector-pin and a stationary current-supply contact means placed within the internal chamber of a plug socket. A movable conductive member placed within the socket is adapted to be thrust rearwardly by the connector-pin in opposition to a first torsional spring located along a path which is parallel to the axis of the contact. The conductive member then moves clear of guide lugs and tilts forward abruptly, under the action of a second torsional spring, until a contact bead attached to the end of the movable member is applied against the stationary contact bead in order to form an electrical connection.

IPC 1-7

H01R 13/703; **H01H 5/16**

IPC 8 full level

H01R 13/22 (2006.01); **H01H 5/16** (2006.01); **H01R 13/70** (2006.01); **H01R 13/703** (2006.01)

CPC (source: EP US)

H01H 5/16 (2013.01 - EP US); **H01R 13/7036** (2013.01 - EP US)

Cited by

FR2579381A2; FR2737601A1; CN102543593A

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

FR 2579381 A2 19860926; **FR 2579381 B2 19890630**; AU 1750083 A 19840216; AU 555434 B2 19860925; CA 1196943 A 19851119; EP 0102285 A1 19840307; EP 0102285 B1 19860409; FR 2531577 A1 19840210; FR 2531577 B1 19841228; JP H0332859 B2 19910515; JP S5949170 A 19840321; US 4516819 A 19850514; US 4632481 A 19861230

DOCDB simple family (application)

FR 8504198 A 19850321; AU 1750083 A 19830802; CA 434091 A 19830808; EP 83401610 A 19830803; FR 8213891 A 19820809; JP 13931683 A 19830729; US 51986883 A 19830803; US 73229485 A 19850509