

Title (en)

Electrical socket.

Title (de)

Elektrische Steckerbuchse.

Title (fr)

Douille électrique.

Publication

**EP 0053745 A1 19820616 (DE)**

Application

**EP 81109778 A 19811119**

Priority

DE 3045700 A 19801204

Abstract (en)

Plug device with spring elements of thermo-bimetallic material which deform, in the sense of an increase of the contact pressure, by means of heating by the current flow. <IMAGE>

Abstract (de)

Steckvorrichtung mit Federelementen aus thermobimetallischem Material, die sich durch die Erwärmung bei Stromdurchgang im Sinne einer Erhöhung des Kontaktdruckes verformen.

IPC 1-7

**H01R 13/02**

IPC 8 full level

**H01R 13/03** (2006.01); **H01R 13/115** (2006.01)

CPC (source: EP)

**H01R 13/03** (2013.01); **H01R 13/115** (2013.01)

Citation (search report)

- DE 1057195 B 19590514 - AMP INC
- FR 2443755 A1 19800704 - RAYCHEM LTD [GB]
- GB 1070033 A 19670524 - PYLE NATIONAL CO
- US 3281760 A 19661025 - SHINTARO OSHIMA, et al
- US 2740942 A 19560403 - SPRIGG EDWARD A
- FR 1234303 A 19601017 - L APP ELECTR IND CHEVEAU
- FR 1234270 A 19601017 - SOCAPEX
- US 1797581 A 19310324 - FRANK KUHN, et al
- IBM Technical Disclosure Bulletin, Band 17, Nr. 12, Mai 1975, seiten 3658-3659 New York, U.S.A. A.C. BIRNSTILL et al.: "Power Connector" \* seite 3658, zeile 11 - seite 3659, zeile 3 \*

Cited by

DE102009057944B3; EP2461427A1; US4781605A; US4810201A; JP2008123997A; CN104871370A; GB2128039A; EP0105733A3; US4497527A; US8408933B2; US9647362B2; WO2012061077A1; WO2007006601A1; WO03019731A1; WO2014086445A1; US8241054B2

Designated contracting state (EPC)

CH DE FR GB LI

DOCDB simple family (publication)

**EP 0053745 A1 19820616**; DE 3045700 A1 19820708

DOCDB simple family (application)

**EP 81109778 A 19811119**; DE 3045700 A 19801204