

Title (en)  
Electric plug connector element

Title (de)  
Elektrisches Steckverbindererelement

Title (fr)  
Élément de connecteur à fiches électrique

Publication  
**EP 2031707 A3 20100825 (DE)**

Application  
**EP 08013501 A 20080726**

Priority  
DE 102007042194 A 20070829

Abstract (en)  
[origin: EP2031707A2] The element (10) has a contact body comprising line contacts for electrically connecting the contact body with an associated connecting element (18). The contact body is supported at a contact point in a point-shaped or linear system by a spring element using the associated connecting element. The contact point is spaced apart from the line contacts. The connecting element is supported at the line contacts of the contact body by force of the spring element, where the force is induced at the contact point.

IPC 8 full level  
**H01R 13/18** (2006.01); **H01R 13/11** (2006.01)

CPC (source: EP)  
**H01R 13/111** (2013.01); **H01R 13/18** (2013.01)

Citation (search report)

- [X] DE 9305881 U1 19930826 - BALS ELEKTROTECHNIK GMBH & CO KG [DE]
- [A] DE 4446376 A1 19960627 - KOSTAL LEOPOLD GMBH & CO KG [DE]
- [A] WO 9833239 A1 19980730 - BOSCH GMBH ROBERT [DE], et al
- [A] DE 4316902 A1 19931125 - DROGO PIERRE [FR]
- [A] US 2004192122 A1 20040930 - BISCHOFF DANIEL [DE], et al

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CN104521072A; CN114171956A; CN107634364A; US11165180B2; WO2019176539A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 2031707 A2 20090304; EP 2031707 A3 20100825**; DE 102007042194 A1 20090305

DOCDB simple family (application)  
**EP 08013501 A 20080726**; DE 102007042194 A 20070829