

Title (en)
Socket contact element

Title (de)
Buchsenkontakt

Title (fr)
Élément de contact femelle

Publication
EP 0991142 A3 20000809 (EN)

Application
EP 99117996 A 19990917

Priority
DE 19844863 A 19980930

Abstract (en)
[origin: EP0991142A2] The invention relates to a socket contact element (1) for receiving a pin contact element (4) having a small diameter, in particular a contact pin of a PCMCIA plug element, having an elongated, substantially flat lower basic element (5), from which there extends upwards, at the front narrow side, a first spacing element (6) which has an opening (7) for introducing the pin contact element (4) into the socket contact element (1), in which, behind the first spacing element (6) there is formed a spring tongue (8) which presses the pin contact element (4) introduced from below against a contact area (9) which is formed on the first spacing element (6) above the opening (7), and from which a second spacing element (10) extends upwards behind the spring tongue (8). In order to develop such a socket contact element (1) so that greater clamping forces can be exerted on a pin contact element (4) introduced, the invention proposes that the first spacing element (6) has reinforcing elements.
<IMAGE>

IPC 1-7
H01R 13/187

IPC 8 full level
H01R 13/11 (2006.01); **H01R 13/115** (2006.01); **H01R 13/428** (2006.01); **H01R 43/16** (2006.01)

CPC (source: EP)
H01R 13/111 (2013.01); **H01R 43/16** (2013.01)

Citation (search report)
• [A] WO 9504388 A1 19950209 - LITTON SYSTEMS INC [US]
• [A] US 5342219 A 19940830 - ONODERA SHINYA [JP], et al
• [A] US 5586920 A 19961224 - BROWN DONALD C [US]
• [A] US 4400051 A 19830823 - STENZ PAUL P [DE]
• [A] DE 3700304 A1 19880721 - SIEMENS AG [DE]
• [A] US 3711819 A 19730116 - MATTHEWS R

Cited by
CN110416786A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0991142 A2 20000405; **EP 0991142 A3 20000809**; DE 19844863 A1 20000420; DE 19844863 C2 20030130; JP 2000106240 A 20000411

DOCDB simple family (application)
EP 99117996 A 19990917; DE 19844863 A 19980930; JP 27575299 A 19990929