

Title (en)
A flat connector socket.

Title (de)
Eine flache Steckverbinderbuchse.

Title (fr)
Une douille de connexion plate.

Publication
EP 0632533 A3 19960529 (EN)

Application
EP 94109551 A 19940621

Priority
DE 4321549 A 19930629

Abstract (en)
[origin: EP0632533A2] In a flat connector socket, there being provided a contact spring arm base having crimps, two contact spring arms disposed on the base, such arms being bent inwards towards one another over some of their length at a distance from the free ends and being bent back at such ends, and an overspring which is securable by way of an overspring base to the contact spring arm base, extends outwards by way of parts disposed on the overspring base, adjacent the contact spring arms therefrom, engages by way of parts bent towards one another at the free ends, over the free ends of the contact spring arms and supports the socket in a chamber of a socket envelope, in order to protect the contact spring arms and to facilitate undisturbed use thereof in pivoting systems, the overspring base (10) and the overspring part (11) which extends adjacent the contact spring arms (3) are embodied by a peripherally closed socket member which, by way of bent parts (12) disposed on first side walls (11') extending adjacent the wide sides of the contact spring arms (3), engages over the free ends thereof and is formed with notches (15) in second side walls (11'') between the first side walls (11') having bent parts (12), into which notches (15) the end-face end of the first side walls (11') merges and which extend over some of their length towards the contact spring arm base (2). <IMAGE>

IPC 1-7
H01R 13/18

IPC 8 full level
H01R 13/11 (2006.01); **H01R 13/115** (2006.01); **H01R 13/18** (2006.01)

CPC (source: EP)
H01R 13/113 (2013.01); **H01R 13/18** (2013.01)

Citation (search report)

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- [A] DE 9106775 U1 19910718
- [A] EP 0509859 A1 19921021 - LABINAL SA [FR]
- [A] FR 2467490 A1 19810417 - LABINAL [FR]
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Designated contracting state (EPC)
ES FR GB IT SE

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EP 0632533 A2 19950104; EP 0632533 A3 19960529; EP 0632533 B1 20011024; DE 4321549 A1 19950323; DE 4321549 C2 20000330

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EP 94109551 A 19940621; DE 4321549 A 19930629