Title (en)
Electrical connector provided with electrical connection between the respective contact parts

Title (de)
Elektrischer Verbinder, versehen mit einer elektrischen Verbindung zwischen den entsprechenden Kontaktteilen

Title (fr)
Connecteur électrique muni d'une liaison électrique entre des portions respectives de ses contacts

Publication
EP 0558407 B1 19960117 (FR)

Application
EP 93400472 A 19930224

Priority
FR 9202301 A 19920227

Abstract (en)
[origin: EP0558407A1] Electrical connector which includes several contacts (6) held in respective housings (5) of an insulating body (4), connection means being provided to electrically connect together the respective sections (7) of the contacts (6) which are electrically insulated from the respective bodies of the contacts, these connection means comprising: contact rings (8) surrounding the contact sections (7) respectively and made of an elastically deformable conducting material, these rings each being wound in a helix and extending over at least a half-turn of winding around the sections, thereby elastically gripping them; two rigid plates (9), at least one of which is made of a conducting material and which are pierced with a multiplicity of holes (10) through which the contacts (6) of the connector slide freely, these plate being located on either side of the contact rings; and clamping means (11, 12) for clamping the two plates, one to the other, and for elastically compressing the contact rings in the longitudinal direction of the contacts. <IMAGE>

IPC 1-7
H01R 13/719

IPC 8 full level
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CPC (source: EP US)
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Designated contracting state (EPC)
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EP 93400472 A 19930224; DE 69301319 T 19930224; FR 9202301 A 19920227; US 2253893 A 19930225