

Title (en)
Electrical connector.

Title (de)
Elektrischer Verbinder.

Title (fr)
Connecteur électrique.

Publication
EP 0492091 B1 19950607 (DE)

Application
EP 91118702 A 19911102

Priority
DE 4041093 A 19901221

Abstract (en)
[origin: EP0492091A1] An electrical connector is shown and described for the connection of electrical conductors, especially grid web lines, which are arranged parallel to one another, are connected to insulating material links and have an insulating material housing for a number of contact elements corresponding to the number of pins, which contact elements in each case have at least one connecting limb which can be anchored firmly on a connector support such as a circuit board, at least a part of the insulating material housing being capable of being displaced from a first position, corresponding to the conductor insertion point, to a second position, corresponding to the conductor connection point, which is protected for example by latching. In order to design the clamping of the contact connector to be less sensitive to tension forces on the conductor, a tension-relief device is provided in such a manner that at least one web is arranged externally on the moving part of the insulating material housing, which web extends with respect to the connector support on the side of the housing pointing away from the connector support transversely to the movement direction of the insulating material housing part, passes through a corresponding perforation in the insulating material link of the conductor, at least in the conductor connection point of the insulating material housing, and thus ties the conductor down on the insulating material housing. <IMAGE>

IPC 1-7
H01R 9/07; **H01R 23/66**

IPC 8 full level
H01R 4/48 (2006.01); **H01R 12/79** (2011.01); **H01R 12/70** (2011.01)

CPC (source: EP)
H01R 12/79 (2013.01); **H01R 12/772** (2013.01)

Cited by
US5580272A; EP1311026A3; EP1178573A3; WO9833246A1; WO9965119A3

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DE FR GB IT

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