

Title (en)
Connector for electric connections

Title (de)
Klemmvorrichtung für elektrischen Anschluss

Title (fr)
Connecteur pour raccordement électrique

Publication
EP 0645857 B1 19971126 (EN)

Application
EP 94114721 A 19940919

Priority
IT PD930189 A 19930924

Abstract (en)
[origin: EP0645857A1] Connector (10) for electrical connections of the type including a laminar body (11) made of conducting material with at least two substantially rigid oppositely arranged wings (12) which form a slot (13) in which two elastic tabs (15) converge towards the bottom (14), each tab (15) blending with a corresponding one of the wings (12) so as to form an elbow-shaped portion (16), an electrical conductor (20), made of copper or enamelled copper alloy, being insertable between the elastic tabs (15) up to their free ends, parts (19) of the borders of the tabs (15) being sharp, the connector (10) being characterized in that the tabs (15) are pre-loaded, so as to push towards each other, by raised portions (23, 24), which are formed so as to affect the inner border of each one of the elbow-shaped blending portions (16), and by a deformation of the wings (12), which has the purpose of moving their ends mutually closer. <IMAGE>

IPC 1-7
H01R 43/16

IPC 8 full level
H01R 4/24 (2006.01); **H01R 43/16** (2006.01)

CPC (source: EP)
H01R 4/2425 (2013.01); **H01R 43/16** (2013.01)

Cited by
EP0788189A3; EP1953868A3; US2019296472A1; CN110364842A; US10770820B2; US7644541B2; EP1953868A2

Designated contracting state (EPC)
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