

Title (en)  
HIGH DENSITY ELECTRICAL CONNECTOR

Title (de)  
STECKVERBINDER MIT HOHER DICHTER DER ANSCHLÜSSE

Title (fr)  
CONNECTEUR ELECTRIQUE A HAUTE DENSITE

Publication  
**EP 0890203 B1 20010606 (EN)**

Application  
**EP 97915128 A 19970318**

Priority  
• US 9704225 W 19970318  
• US 62303096 A 19960328  
• US 62307496 A 19960328

Abstract (en)  
[origin: WO9736351A1] Electrical connector (10) having a housing (12) molded around body sections of a plurality of terminals (40, 42, 44, 46) disposed in first and second rows. The terminals have IDC termination sections (32, 34, 36, 38) for respective wires (22, 24) to be urged thereinto by termination covers (26, 28). All IDC termination sections extend in a common direction from a common side of housing (12), and those (32, 34) of the first row are staggered rearwardly from those (36, 38) of the second row to facilitate wire insertion. The molding method includes providing core pins (92, 94) for supporting the terminals from one (74) of the mold halves, and lower terminals (40, 42) include lateral offsets (134) permitting core pins (94) to pass thereby to reach upper terminals (44, 46) vertically aligned therewith.

IPC 1-7  
**H01R 43/24**; **H01R 4/24**

IPC 8 full level  
**H01R 4/24** (2006.01); **H01R 43/24** (2006.01); **H01R 13/658** (2011.01)

CPC (source: EP KR)  
**H01R 4/24** (2013.01 - KR); **H01R 43/24** (2013.01 - EP KR); **H01R 4/2429** (2013.01 - EP); **H01R 13/6581** (2013.01 - EP)

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**WO 9736351 A1 19971002**; CN 1214805 A 19990421; DE 69705115 D1 20010712; DE 69705115 T2 20011115; EP 0890203 A1 19990113; EP 0890203 B1 20010606; JP 2000507384 A 20000613; KR 100473296 B1 20050824; KR 19990087828 A 19991227

DOCDB simple family (application)  
**US 9704225 W 19970318**; CN 97193449 A 19970318; DE 69705115 T 19970318; EP 97915128 A 19970318; JP 53446097 A 19970318; KR 19980707413 A 19980918