

Title (en)
Multipole electrical connector

Title (de)
Mehrpolarer Steckverbinder

Title (fr)
Connecteur électrique multipolaire

Publication
EP 0966064 A1 19991222 (DE)

Application
EP 98113150 A 19980715

Priority
DE 19821858 A 19980515

Abstract (en)
The stranded wires are guided into parallel channels (8) of a cable receptacle and clamped into the channels. A pressing plate (6) is provided in the cable receptacle. The pressing plate is elastic in the radial direction across contact pins (19) in the channels. Releasable clamping members (20,21) press the pressing plate around the periphery of the pressing plate. The clamping members hold the ends of the stranded wires laid in the channels with approximately even force on all channels. The channels in the pressing plate and the contact pins may be displaced before the pressing plate is clamped and are aligned after the pressing plate is clamped.

IPC 1-7
H01R 4/50; **H01R 13/59**

IPC 8 full level
H01R 4/50 (2006.01); **H01R 13/58** (2006.01); **H01R 13/59** (2006.01)

CPC (source: EP US)
H01R 4/5033 (2013.01 - EP US); **H01R 13/59** (2013.01 - EP US)

Citation (search report)

- [A] US 4593962 A 19860610 - KNORRECK PETER [DE], et al
- [A] GB 1380351 A 19750115 - HEGO ELECTRIC GMBH
- [A] GB 830192 A 19600309 - BENDIX AVIAT CORP
- [AD] DE 4418259 C1 19950824 - HIRSCHMANN RICHARD GMBH CO [DE]

Cited by
DE10157640B4; DE10323616A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
DE 29817679 U1 19981224; DE 19845875 A1 19991118; DE 19845875 C2 20030123; DE 29908462 U1 19990923; DE 59800094 D1 20000406; EP 0966064 A1 19991222; EP 0966064 B1 20000301; JP 2000012152 A 20000114; JP 3141346 B2 20010305; US 6083036 A 20000704

DOCDB simple family (application)
DE 29817679 U 19981005; DE 19845875 A 19981005; DE 29908462 U 19990512; DE 59800094 T 19980715; EP 98113150 A 19980715; JP 12426199 A 19990430; US 15426998 A 19980916