

Title (en)

Connecting block for interconnecting wires and with two matable connector parts and slotted beam contacts.

Title (de)

Anschlussblock zum Verbinden von Drähten mit zwei zusammenpassenden Teilen sowie geschlitzten Kontaktstäbchen.

Title (fr)

Bloc de connexion pour relier des fils avec deux parties applicables l'une sur l'autre et des barrettes de contact fendues.

Publication

**EP 0000434 A1 19790124 (EN)**

Application

**EP 78300122 A 19780706**

Priority

US 81330677 A 19770706

Abstract (en)

Connecting block for electrically interconnecting first conductors with associated second conductors, in which a first connector part of insulative material has individual receiving and indexing means for the first conductors and in which a second connector part for mating with the first connector has a body member of insulative material and a plurality of slotted beam contacts. <??>The specification discloses as second connector part a one-piece body member (41) and contactholding means (50). The slotted beam contacts can be assembled easily in cavities (42) in the body member (41) which being in one piece has no join therein to rupture. The holding means (50) has projections (53, 54) which extend through apertures (45) in the wall of the body member (41) to engage in a slot (34) and an aperture (25) in the slotted beam contact, so retaining the contact in the cavity (42). The connecting block may, for example, be used to provide interconnection fields in telephone systems.

IPC 1-7

**H01R 4/24**; **H01R 9/22**

IPC 8 full level

**H01R 4/24** (2006.01); **H01R 13/639** (2006.01); **H01R 9/24** (2006.01)

CPC (source: EP US)

**H01R 4/242** (2013.01 - EP US); **H01R 4/2429** (2013.01 - EP US); **H01R 9/24** (2013.01 - EP US)

Citation (search report)

- US 3778750 A 19731211 - BULANDA J, et al
- [A] US 3923362 A 19751202 - DUNN ROBERT BRIAN, et al
- [A] FR 2286520 A1 19760423 - RELIABLE ELECTRIC CO [US]
- [A] FR 2289055 A1 19760521 - BUNKER RAMO [US]
- [D] US 3611264 A 19711005 - ELLIS BENJAMIN C JR
- [A] US 3533054 A 19701006 - SPRIGGS ALBERT, et al
- [A] US 3858158 A 19741231 - HENN R, et al
- [A] US 3510823 A 19700505 - CERVENKA JOSEPH J, et al

Cited by

USRE41311E; EP0311263A3; US5503572A; US5522733A

Designated contracting state (EPC)

BE DE FR GB NL SE

DOCDB simple family (publication)

**US 4118095 A 19781003**; DE 2862245 D1 19830616; EP 0000434 A1 19790124; EP 0000434 B1 19830511; ES 471510 A1 19790116; IT 1108534 B 19851209; IT 7853481 V0 19780705; IT 7868579 A0 19780705; JP S5415187 A 19790203; JP S58158 B2 19830105

DOCDB simple family (application)

**US 81330677 A 19770706**; DE 2862245 T 19780706; EP 78300122 A 19780706; ES 471510 A 19780706; IT 5348178 U 19780705; IT 6857978 A 19780705; JP 8152678 A 19780706