

Title (en)
Electrical connecting device

Title (de)
Elektrische Verbindungsvorrichtung

Title (fr)
Dispositif de connexion électrique

Publication
EP 1168509 A3 20020403 (DE)

Application
EP 00121554 A 20000930

Priority
DE 20010669 U 20000621

Abstract (en)
[origin: EP1168509A2] The connector (10) has an insulating body (13), containing several spaced contacts (14) profiled in longitudinal section. The contact end-side point protrudes over the underside of the insulating body for contacting one component. The other end-side contact point (19) is located at the end section, protruding from the insulating body and freely movable for contacting the other component. Each contact is axially longitudinally aligned and its freely movable, protruding end section is of elongated trapezoidal shape, with shorter side connecting to the other contact point, and the longer side merging into neck region (39) linked to end-side contact point.

IPC 1-7
H01R 12/04; **H01R 13/24**

IPC 8 full level
H01R 12/04 (2006.01); **H01R 12/71** (2011.01); **H01R 13/24** (2006.01)

CPC (source: EP)
H01R 12/714 (2013.01); **H01R 13/2442** (2013.01)

Citation (search report)

- [DYA] EP 0964478 A2 19991215 - MOLEX INC [US]
- [Y] US 5173055 A 19921222 - GRABBE DIMITRY G [US]
- [A] US 5567166 A 19961022 - LEMKE TIMOTHY [US]

Cited by
US6145226A; DE102009050325A1; DE102009050325B4

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)
EP 1168509 A2 20020102; **EP 1168509 A3 20020403**; AT E275294 T1 20040915; DE 20010669 U1 20011031; DE 50103449 D1 20041007; HK 1044075 A1 20021004; JP 2002042930 A 20020208

DOCDB simple family (application)
EP 00121554 A 20000930; AT 01115095 T 20010621; DE 20010669 U 20000621; DE 50103449 T 20010621; HK 02104738 A 20020626; JP 2001186018 A 20010620