

Title (en)
Connecting terminal with blade spring clamp

Title (de)
Verbindungsklemme mit Blattklemmfeder

Title (fr)
Borne de raccordement avec une lame de ressort

Publication
EP 1152489 A3 20020123 (DE)

Application
EP 01108004 A 20010329

Priority
• DE 20008107 U 20000505
• DE 20013439 U 20000804

Abstract (en)
[origin: EP1152489A2] The electrical in line connector for use with wires (46,48,50) has a housing of insulating material (26). Within this is a metal contact element (20) that is produced from sheet material. This has folded ends that deflect as the wire ends are inserted and securely grip it.

IPC 1-7
H01R 4/48

IPC 8 full level
F21V 23/06 (2006.01); **H01R 4/48** (2006.01)

CPC (source: EP)
F21V 23/06 (2013.01); **H01R 4/485** (2023.08); **H01R 4/4821** (2023.08); **H01R 4/483** (2023.08); **H01R 4/4837** (2023.08)

Citation (search report)
• [X] DE 4444438 A1 19960620 - KLEINHUIS HERMANN GMBH [DE]
• [A] DE 2432084 A1 19760122 - WAGO KONTAKTTECHNIK GMBH
• [A] DE 2609291 A1 19770915 - KLEINHUIS FA H
• [A] DE 3743410 A1 19890629 - ELECTRO TERMINAL GMBH [AT]

Cited by
JP2020035528A; JP2020035527A; CN112673526A; EP2280453A1; EP1483804A4; WO2014094006A1; US9383067B2; US7988504B2; US7491098B1; US1177233B2; WO2020016395A1

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

DOCDB simple family (publication)
EP 1152489 A2 20011107; EP 1152489 A3 20020123; EP 1152489 B1 20030102; AT E230522 T1 20030115; ES 2187488 T3 20030616

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