

Title (en)
ELECTRICAL CONNECTOR

Title (de)
ELEKTRISCHER VERBINDER

Title (fr)
CONNECTEUR ELECTRIQUE

Publication
EP 0713612 A4 19971229 (EN)

Application
EP 94927911 A 19940808

Priority
• KR 930015192 U 19930809
• US 9408878 W 19940808

Abstract (en)
[origin: WO9505015A1] An electrical wire-trap connector mounted on a circuit board of an electrical instrument in order to receive a plurality of cable leads. The electrical connector includes a main body (1) and an operating member (10). The main body includes a plurality of lead receiving holes (4), a larger opening for receiving a terminal (3) having an elastic part (18) as well as an elastic projection (17), a terminal guide groove, a terminal inserting slot (27) for seating a lower shoulder (21) of the terminal thereon, a hole (7) for receiving the elastic projection of the terminal, and a guider (9) and a stop protrusion (12a), both being provided on a side end surface of the main body. The operating member is detachably mounted on the main body and includes an insert guide (14) and a locking guide (15), both guides being provided on a side end of the operating member. The locking guide has a locking shoulder (12) at its lower end. The locking shoulder of the operating member is latched by the stopper of the main body to prevent the operating member from upwardly moving with respect to the main body.

IPC 1-7
H01R 9/07

IPC 8 full level
H01R 12/24 (2006.01); **H01R 12/79** (2011.01); **H01R 12/89** (2011.01)

CPC (source: EP KR)
H01R 12/79 (2013.01 - EP); **H01R 12/89** (2013.01 - EP); **H01R 13/62** (2013.01 - KR)

Citation (search report)
• [Y] FR 2421481 A1 19791026 - BUNKER RAMO [US]
• [A] EP 0234780 A1 19870902 - DU PONT [US]
• [A] EP 0365888 A1 19900502 - AMP INC [US]
• See references of WO 9505015A1

Cited by
CN113629429A

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 9505015 A1 19950216; DE 69429813 D1 20020321; EP 0713612 A1 19960529; EP 0713612 A4 19971229; EP 0713612 B1 20020206; KR 950007381 U 19950321; KR 960002348 Y1 19960320

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