

Title (en)  
Potential connector.

Title (de)  
Potentialverbinder.

Title (fr)  
Connecteur de potentiel.

Publication  
**EP 0348881 A2 19900103 (DE)**

Application  
**EP 89111657 A 19890627**

Priority  
DE 3822147 A 19880630

Abstract (en)  
[origin: JPH0266857A] PURPOSE: To easily manufacture a potential connector means by providing a contact plate having a support member in its synthetic housing and bending its end where an inserted connector peels the insulating part of an electric wire. CONSTITUTION: A support web 15 formed by bending a part of a contact plate 2 at right angles and another support web 15a arranged symmetrically to the web 15 form therebetween a tapered insertion space 16 which is open upward and downward. The webs 15 and 15a are tapered in their interval in their opposed direction. The contact plate 2 of a housing 1 is perforated at its transverse edge regions 9a and 10a with holes 17 in a row for its positioning. An inserted connector 4 has a bent region 25 for enclosing the end of an electric wire and a contact region 26 which conforms to the webs 15 and 15a so as to be fitted into the space 16. The simple structure facilitates the manufacture of a connector means which is easily handled.

Abstract (de)  
Die Erfindung betrifft einen Potentialverbinder, bei dem die abisolierten Enden mehrerer elektrischer Leitungen in einem Verbinderelement zusammengefaßt sind, wobei ein Kunststoffgehäuse (1), in dem eine Kontaktplatte (2) aus elektrisch leitendem Metall angeordnet ist, die Lagerelemente (3) für elektrische Steckverbinder (4) aus z.B. Metallstanzteilen aufweisen, die an die abisolierten Enden elektrischer Leitungen gecrimpt sind.

IPC 1-7  
**H01R 4/66**; **H01R 13/05**; **H01R 31/08**

IPC 8 full level  
**H01R 13/10** (2006.01); **H01R 4/66** (2006.01); **H01R 13/05** (2006.01); **H01R 31/08** (2006.01)

CPC (source: EP US)  
**H01R 4/66** (2013.01 - EP US); **H01R 13/055** (2013.01 - EP US); **H01R 31/085** (2013.01 - EP US)

Designated contracting state (EPC)  
DE ES FR GB IT NL

DOCDB simple family (publication)  
**EP 0348881 A2 19900103**; **EP 0348881 A3 19910821**; DE 3822147 A1 19900111; ES 2013694 A4 19900601; JP H0266857 A 19900306; US 4975088 A 19901204

DOCDB simple family (application)  
**EP 89111657 A 19890627**; DE 3822147 A 19880630; ES 89111657 T 19890627; JP 17102689 A 19890630; US 37200389 A 19890627