

Title (en)  
Electrical connector of the pin and socket type.

Title (de)  
Elektrischer Verbinder von Stift und Sockel Art.

Title (fr)  
Connecteur électrique du type fiche et douille.

Publication  
**EP 0451525 A2 19911016 (EN)**

Application  
**EP 91103828 A 19910313**

Priority  
US 50743490 A 19900411

Abstract (en)  
An electrical connector of the Pin (10) and socket (20) type wherein the socket includes a bent tube (50) into which the pin (28) of the connector is inserted. The tube includes a double bend such that when the pin is fully inserted, it is deflected making three point contact between the pin and the sides of the tube. The described connector thus results in wiping action between the pin and the tube as the pin is inserted, providing good electrical contact between the pin and the tube. <IMAGE>

IPC 1-7  
**H01R 13/33**

IPC 8 full level  
**H01R 13/04** (2006.01); **H01R 13/10** (2006.01); **H01R 13/33** (2006.01); **H01R 24/00** (2006.01)

CPC (source: EP)  
**H01R 13/10** (2013.01); **H01R 13/33** (2013.01)

Cited by  
EP3208890A1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 0451525 A2 19911016**; **EP 0451525 A3 19911023**; JP H0589920 A 19930409

DOCDB simple family (application)  
**EP 91103828 A 19910313**; JP 9489691 A 19910402