

Title (en)  
Device for electric connection

Title (de)  
Elektrische verbindungsrichtung

Title (fr)  
Dispositif de connexion électrique

Publication  
**EP 2333912 A1 20110615 (FR)**

Application  
**EP 10192351 A 20101124**

Priority  
FR 0958825 A 20091210

Abstract (en)  
The device has a male connector (1) provided with identical male contact pins (10), and a female connector (2) comprising a body in which reception sockets are formed to receive the male contact pins. The body of the female connector is cased in an outer shielding element (20). One of the male contact pins, which is an earth pin (102), is arranged so as to come into contact with outside of the shielding element. The number of contact pins of the male connector is different from the number of reception sockets of the female connector. An independent claim is also included for a man-machine dialogue system comprising a module provided with a processing unit.

Abstract (fr)  
L'invention concerne un dispositif de connexion comportant un connecteur mâle (1) doté de plusieurs broches (10) identiques de contact mâles et un connecteur femelle (2) comportant un corps dans lequel sont formées des douilles de réception destinées à recevoir des broches (10) de contact mâles. Ce dispositif se caractérise en ce que : - le corps du connecteur femelle (2) est enveloppé d'un élément de blindage (20) externe, - au moins l'une des broches identiques de contact mâles, appelée broche de masse (102), est agencée de manière à être en contact avec au moins une lamelle souple (202) de l'élément de blindage (20).

IPC 8 full level  
**H01R 13/658** (2011.01)

CPC (source: EP US)  
**H01R 12/73** (2013.01 - EP); **H01R 13/658** (2013.01 - US); **H01R 12/716** (2013.01 - EP US); **H01R 13/6582** (2013.01 - EP)

Citation (applicant)  
US 6394842 B1 20020528 - SAKURAI ATSUSHI [JP], et al

Citation (search report)  
• [A] US 6394842 B1 20020528 - SAKURAI ATSUSHI [JP], et al  
• [A] US 4453798 A 19840612 - ASICK JOHN C [US], et al  
• [A] US 2006025016 A1 20060202 - RUBENSTEIN BRANDON A [US], et al  
• [A] US 3237146 A 19660222 - BARKER RANDOLPH G

Cited by  
EP2804062A4; US2016018801A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2333912 A1 20110615; EP 2333912 B1 20120314**; AT E549776 T1 20120315; CN 102185193 A 20110914; ES 2380905 T3 20120521; FR 2954005 A1 20110617; FR 2954005 B1 20120427; US 2011143592 A1 20110616; US 8403704 B2 20130326

DOCDB simple family (application)  
**EP 10192351 A 20101124**; AT 10192351 T 20101124; CN 201010625057 A 20101210; ES 10192351 T 20101124; FR 0958825 A 20091210; US 95766010 A 20101201