

Title (en)

Omnidirectionnal electrical connector with multiphase

Title (de)

Omnidirektionale elektrische Stecker mit mehr Phasen

Title (fr)

Connecteur électrique omnidirectionnel à plusieurs phases

Publication

**EP 0681351 B1 19981111 (FR)**

Application

**EP 95440021 A 19950503**

Priority

FR 9405775 A 19940506

Abstract (en)

[origin: EP0681351A1] The electrical connector includes the plug (1) which is made up of an outer circular section (7) which is threaded (9) holding circular ring conductors (15,17). The ring conductors have differing diameters within the space for each phase. The socket (13) has annular rings (16) to connect to the plug, housed in an outer holder. The ring inner has embedded multiple contacts traversing the ring. The rear of each ring is connected (43) to a cable. Each of the three rings connects to a phase in this way. <IMAGE>

IPC 1-7

**H01R 17/04**

IPC 8 full level

**H01R 24/58** (2011.01); **H01R 13/53** (2006.01)

CPC (source: EP)

**H01R 24/38** (2013.01); **H01R 13/53** (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES GB IE IT LI LU NL PT SE

DOCDB simple family (publication)

**EP 0681351 A1 19951108; EP 0681351 B1 19981111**; AT E173361 T1 19981115; CN 1115128 A 19960117; DE 69505879 D1 19981217; DE 69505879 T2 19990610; ES 2124986 T3 19990216; FR 2719705 A1 19951110; FR 2719705 B1 19960719; PL 176950 B1 19990831; PL 308435 A1 19951113; ZA 953631 B 19960103

DOCDB simple family (application)

**EP 95440021 A 19950503**; AT 95440021 T 19950503; CN 95105084 A 19950505; DE 69505879 T 19950503; ES 95440021 T 19950503; FR 9405775 A 19940506; PL 30843595 A 19950428; ZA 953631 A 19950505