

Title (en)

GROUND-ENHANCED ELECTRICAL CONNECTOR

Title (de)

ELEKTRISCHER VERBINDER MIT VEBESSERTER ERDUNG

Title (fr)

CONNECTEUR ELECTRIQUE A MISE A LA MASSE RENFORCEE

Publication

**EP 0870348 A1 19981014 (EN)**

Application

**EP 96944480 A 19961223**

Priority

- JP 35337595 A 19951229
- US 9620250 W 19961223

Abstract (en)

[origin: WO9724782A1] An electrical connector with enhanced grounding characteristics which reduce the possibility of signal transmission error includes a connector housing (2) formed from an electrically insulative material, a plurality of conductive terminals (3) mounted on the connector housing, the terminals having tail portions (7) which extend out of and away from the connector housing for attachment to a printed circuit board. A conductive grounding plate (4), in the form of a metal shield, is mounted to the exterior of the connector housing. The grounding plate includes at least one grounding terminal (9) integrally formed therewith and extending outwardly therefrom at the level of the connector conductive terminals in a space between two adjoining conductive terminals.

IPC 1-7

**H01R 13/658**

IPC 8 full level

**H01R 13/652** (2006.01); **H01R 13/658** (2011.01); **H01R 24/00** (2006.01); **H01R 12/57** (2011.01)

CPC (source: EP KR)

**H01R 12/70** (2013.01 - KR); **H01R 13/648** (2013.01 - KR); **H01R 13/658** (2013.01 - EP); **H01R 12/57** (2013.01 - EP)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**WO 9724782 A1 19970710**; AU 1427797 A 19970728; CN 1109382 C 20030521; CN 1207212 A 19990203; EP 0870348 A1 19981014; EP 0870348 A4 19991229; JP 3079467 B2 20000821; JP H09199228 A 19970731; KR 100428038 B1 20040727; KR 19990072040 A 19990927; TW 406881 U 20000921

DOCDB simple family (application)

**US 9620250 W 19961223**; AU 1427797 A 19961223; CN 96199456 A 19961223; EP 96944480 A 19961223; JP 35337595 A 19951229; KR 19980704334 A 19980610; TW 87215506 U 19970127