

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)

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DOCDB simple family (publication)

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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