

Title (en)

Printed circuit connector with two mutually perpendicular shielded contact blocks

Title (de)

Leiterplatten-Steckverbinder mit zwei an zueinander senkrechten Leiterplatten angeordneten geschirmten Kontaktleisten

Title (fr)

Connecteur pour cartes de circuits à deux réglettes de contacts blindées perpendiculaires entre eux

Publication

EP 0637858 B1 19961113 (DE)

Application

EP 94110842 A 19940712

Priority

DE 9311782 U 19930806

Abstract (en)

[origin: EP0637858A1] The circuit board connector has one contact plug (2) e.g. a male contact arranged on one circuit board (1), and another contact plug, e.g. a female contact (4), arranged on another circuit board (3). The circuit boards are arranged at right angles to each other. The first contact plug is surrounded by a metal screening element (5) which is inserted via pins into holes in the first circuit board. The screening element of the first contact plug (2) comprises a rigid, rectangular frame which is attached to the first circuit board via insert pins. The inside surface of the frame includes metal contact elements (10, 11). Screening cases (20, 21) of the second contact are attached to the second circuit board via insert pins (24, 25). The screening case (21) encloses the underside of the second plug body including the electrical contacts on the underside of the second circuit board.

IPC 1-7

H01R 23/70

IPC 8 full level

H01R 13/658 (2011.01)

CPC (source: EP US)

H01R 13/6582 (2013.01 - EP US); **H01R 12/585** (2013.01 - EP US); **H01R 13/6594** (2013.01 - EP US)

Cited by

EP1081806A1; DE19907635C1; EP1032088A1; EP0801447A1; FR2747518A1; US5879194A

Designated contracting state (EPC)

BE CH DE FR GB IT LI SE

DOCDB simple family (publication)

DE 9311782 U1 19930923; DE 59401030 D1 19961219; EP 0637858 A1 19950208; EP 0637858 B1 19961113; US 5500788 A 19960319

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DE 9311782 U 19930806; DE 59401030 T 19940712; EP 94110842 A 19940712; US 28693894 A 19940808