

Title (en)

Electrical connector with a contact pin and an interconnection pin

Title (de)

Stecker mit einem Kontaktstift und einem Verbindungsstift

Title (fr)

Connecteur électrique avec broche de contact et broche d'interconnexion

Publication

**EP 2367239 A1 20110921 (EN)**

Application

**EP 10002742 A 20100316**

Priority

EP 10002742 A 20100316

Abstract (en)

The invention relates to an electrical connector (1), being provided with a signal path (4, 13), between a front signal port (2, 12) and a rear signal port (7, 16) for transmitting electrical signals in the Gigahertz range, and with a contact pin (3, 11), which protrudes from the front signal port (2, 12) along the signal path (4, 13). In order to provide an electrical connector (1) that can easily be assembled, the invention provides that the electrical connector (1) is shaped with an interconnection pin (6, 15), that extends from the rear signal port (7, 16) along the signal path (4, 13) and that rests on the contact pin (3, 11).

IPC 8 full level

**H01R 13/622** (2006.01); **H01R 13/646** (2011.01)

CPC (source: EP)

**H01R 13/2421** (2013.01); **H01R 24/50** (2013.01); **H01R 24/54** (2013.01); **H01R 13/622** (2013.01); **H01R 13/6666** (2013.01); **H01R 24/48** (2013.01); **H01R 2103/00** (2013.01)

Citation (search report)

- [Y] US 2008299823 A1 20081204 - PENG CHANG LIN [TW]
- [Y] FR 2781934 A1 20000204 - RADIAL SA [FR]
- [Y] WO 2008120856 A1 20081009 - GIGALANE CO LTD [KR], et al
- [Y] DE 19520974 A1 19961212 - SPINNER GMBH ELEKTROTECH [DE]
- [A] US 4797121 A 19890110 - HAYWARD ROBERT D [US]

Cited by

WO2018031312A1; US11239616B2; US11677195B2; JP2021510228A; EP3696922A4; EP4243215A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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