

Title (en)

Electrical connector for flexible printed circuits.

Title (de)

Elektrischer Verbinder für biegsame gedruckte Schaltungen.

Title (fr)

Connecteur électrique pour circuits imprimés souples.

Publication

**EP 0073104 A1 19830302 (EN)**

Application

**EP 82303997 A 19820729**

Priority

US 29369281 A 19810817

Abstract (en)

An electrical connector 10 for a flexible printed circuit 70 comprises a connector body 12 having two rows of open channels 22 and a terminal 14 disposed in each channel. Each channel 22 has a longitudinal rib 38 which projects from a partition wall 20 on one side of the channel and is spaced from the partition wall 20 on the other side of the channel and which cooperates with a base wall 18 of the connector body 12 to define a slot 40. The terminals 14 have a side wall 44 disposed between the longitudinal rib 38 and the partition wall 20 on the other side of the channel and a lateral flange 46 which is attached to a longitudinal edge of the side wall 44 and which is disposed in the slot 40 to retain the terminal 14 in the transverse direction. Each terminal 14 further comprises a contact bow 48 which is attached to a forward edge of the lateral flange 46 and has a nose portion 52 seated against the longitudinal rib 38 to retain the terminal 14 in one longitudinal direction. The median portion of the contact bow 48 projects outwardly of the channel for making an electrical connection with a flexible printed circuit 70.

IPC 1-7

**H01R 23/66**

IPC 8 full level

**H01R 24/00** (2006.01); **H01R 12/78** (2011.01); **H01R 13/05** (2006.01); **H01R 13/26** (2006.01); **H01R 13/627** (2006.01); **H01R 13/74** (2006.01)

CPC (source: EP)

**H01R 12/78** (2013.01); **H01R 13/26** (2013.01); **H01R 13/627** (2013.01); **H01R 13/74** (2013.01)

Citation (search report)

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- [X] US 3417362 A 19681217 - EDWARD REYNOLDS CHARLES
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- [A] DE 2014830 A1 19701112

Cited by

EP0660454A3; US5577937A; US8100701B2; WO2008025180A3; WO9849756A1

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**EP 0073104 A1 19830302**; **EP 0073104 B1 19860917**; CA 1180781 A 19850108; DE 3273353 D1 19861023; JP S5838472 A 19830305; JP S6332225 B2 19880629

DOCDB simple family (application)

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