

Title (en)
Multipole angled conductor device

Title (de)
Vielpolige Winkelsteckvorrichtung

Title (fr)
Dispositif de connecteur coudé multipolaire

Publication
EP 1065753 A3 20020410 (DE)

Application
EP 99124371 A 19991207

Priority
DE 29911342 U 19990702

Abstract (en)
[origin: CA2297686A1] In order to develop a multi-pole angle-connecting device which can be soldered onto a printed circuit board and has a planar filter, in which device each pole is assigned a continuous signal conductor, the ends of which on one side can be soldered to soldering points of the printed circuit board, and the ends of which on the other side are designed as connector pins or plug-in sockets, in such a way that it can be produced cost effectively and can be soldered easily onto printed circuit boards, the filter is designed as a filter plate (10) which has openings through which the soldering pins (6, 7) are led and which rests on a metallic filter holder (12), which is connected to ground and to the collar (5) of the angle-connecting device (1) and which has for leading through the ends (6.1, 7.1) of the soldering pins (6, 7) corresponding openings, but with larger diameters, the planar filter being supported in an advantageous design by a supporting carrier (20).

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IPC 8 full level
H01R 13/46 (2006.01); **H01R 13/719** (2006.01); **H01R 33/945** (2006.01); **H05K 3/34** (2006.01)

CPC (source: EP US)
H01R 12/716 (2013.01 - EP US); **H01R 13/7195** (2013.01 - EP US); **Y10S 439/941** (2013.01 - EP US)

Citation (search report)
• [XY] US 5599208 A 19970204 - WARD BOBBY G [US]
• [Y] US 4184730 A 19800122 - HUEBNER WOLFGANG [DE]
• [A] EP 0124264 A1 19841107 - DU PONT [US]
• [A] US 5257950 A 19931102 - LENKER WILLIAM G [US], et al
• [A] FR 2602920 A1 19880219 - SOURIAU & CIE [FR]

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