

Title (en)
Electrical connector assembly

Title (de)
Elektrische Verbinderbaugruppe mit Flachkabel

Title (fr)
Connecteur électrique

Publication
EP 1083627 B1 20050810 (DE)

Application
EP 99117791 A 19990909

Priority
EP 99117791 A 19990909

Abstract (en)
[origin: EP1083627A1] Connector componentry includes a dielectric connector casing (10), multiple contacts and a foil conductor (30). Conductors on a flat cable are soldered or crimped to the contacts. Since conventional mains lead cleats like clips do not work because of the flat surface and a tendency to tear the foil conductor insulating material such as polyester, insulation for the flat cable is bonded to the connector casing in order to relieve strain on electrical joints.

IPC 1-7
H01R 4/02

IPC 8 full level
H01R 4/02 (2006.01); **H01R 4/24** (2006.01); **H01R 12/08** (2006.01); **H01R 12/24** (2006.01); **H01R 12/70** (2011.01); **H01R 43/00** (2006.01); **H01R 43/02** (2006.01)

CPC (source: EP)
H01R 4/029 (2013.01); **H01R 12/775** (2013.01); **H01R 12/69** (2013.01)

Cited by
EA017970B1; DE102005024878B3; EP3467945A4; WO2009109542A3; US10756463B2

Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
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EP 99117791 A 19990909; BR 0007346 A 20000908; CN 00131385 A 20000908; DE 59912400 T 19990909; ES 99117791 T 19990909; JP 2000314471 A 20000907