

Title (en)
Low profile electrical connector for flat circuits

Title (de)
Elektrischer Kleinprofilverbinder für Flachstromkreise

Title (fr)
Connecteur électrique à profil compact pour circuits plats

Publication
EP 0978904 A1 20000209 (EN)

Application
EP 99113919 A 19990716

Priority
JP 21960798 A 19980717

Abstract (en)
An electrical connector (1) is provided for flat circuits. The connector includes a low profile housing (3) having a bottom face (3a) and a front end (9). The front end has an elongated opening (5) for receiving an end of a flat circuit inserted into the opening in a direction generally parallel to the bottom face (3a). A plurality of mounting recesses (11) are provided in the bottom face (3a) spaced longitudinally along the opening. A plurality of terminals (4) are mounted through the bottom face (3a) of the housing and include mounting sections (21) inserted into the mounting recesses (11). The terminals include contact sections (17) for engagement with appropriate conductors of the flat circuit at the opening. <IMAGE>

IPC 1-7
H01R 12/28; **H01R 12/24**

IPC 8 full level
H01R 9/00 (2006.01); **H01R 12/08** (2006.01); **H01R 12/24** (2006.01); **H01R 12/28** (2006.01); **H01R 12/79** (2011.01); **H01R 12/88** (2011.01)

CPC (source: EP KR)
H01R 9/00 (2013.01 - KR); **H01R 12/79** (2013.01 - EP); **H01R 12/88** (2013.01 - EP)

Citation (search report)
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DE10014130A1; WO03038630A1; WO2007001238A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
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DOCDB simple family (application)
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