

Title (en)
Electrical connector for flat cable.

Title (de)
Elektrischer Verbinder für Flachkabel.

Title (fr)
Connecteur électrique pour câble plat.

Publication
EP 0073098 A1 19830302 (EN)

Application
EP 82303820 A 19820721

Priority
• US 29467581 A 19810820
• US 36415282 A 19820331

Abstract (en)
An electrical connector housing (10) for flat cable (11) comprising a base member (13) and a cable locating member (12) pivoted together at adjacent ends for movement between an open, cable-locating condition, and a closed terminating condition in which a row of terminals (13) on the base member (12) terminate the cable (11). The terminals (13) are located adjacent the pivot and the cable locating member (12) comprises a pocket (14) penetrated by the terminals (13) on closing the housing (10). A latching means (35, 41) comprises a resiliently flexible bar (35) and release bar (41) supported for deflection adjacent an end of the base member (13) and extending spaced apart in side-by-side relation. A catch (18) on the cable locating member (12) engages catch portions (37, 38) on the latch bar (35) in the closed condition of the connector housing (10). Deflection of the release bar (41) towards the base member (13) flexes the latch bar (35) to disengage the catch (18) from the catch portions (37, 38). The catch portions adjacent lateral ends of the latch bar (35) are located rearwardly, in the direction of deflection, of catch portions (37) adjacent central portions of the bar (35).

IPC 1-7
H01R 23/66; **H01R 4/24**

IPC 8 full level
H01R 4/24 (2006.01); **H01R 12/55** (2011.01); **H01R 13/506** (2006.01)

CPC (source: EP)
H01R 12/675 (2013.01); **H01R 4/242** (2013.01); **H01R 12/62** (2013.01); **H01R 13/506** (2013.01)

Citation (search report)
• [X] FR 1324140 A 19630412 - BURNDY CORP
• [X] GB 1214316 A 19701202 - NAT RES DEV [GB]
• [A] FR 1304823 A 19620928 - BENDIX CORP
• [A] US 4196956 A 19800408 - HOFFMAN ERNEST G [US]
• [A] US 3576518 A 19710427 - BAZILLE JAMES H JR, et al
• [A] US 3879099 A 19750422 - SHAFFER HOWARD RICHARD
• [E] GB 2091955 A 19820804 - LEGRAND SA

Cited by
AT380355B; GB2136642A; DE3333973A1; GB2351856A; DE4034385A1; EP0360957A3; WO9965112A1; WO9960668A1; WO2014086389A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0073098 A1 19830302; **EP 0073098 B1 19860604**; BR 8204346 A 19830719; DE 3271542 D1 19860710; DE 8221251 U1 19830127; MY 8800072 A 19881231

DOCDB simple family (application)
EP 82303820 A 19820721; BR 8204346 A 19820726; DE 3271542 T 19820721; DE 8221251 U 19820726; MY 8800072 A 19881230