

Title (en)

Housing assembly in combination with a flat power cable connector.

Title (de)

Gehäuse in Kombination mit einem Verbinder eines flachen Starkstromkabels.

Title (fr)

Boîtier en combinaison avec un connecteur de câble de puissance plat.

Publication

EP 0392108 B1 19940907 (EN)

Application

EP 89304803 A 19890511

Priority

US 33879089 A 19890414

Abstract (en)

[origin: EP0392108A2] A housing for a termination of a pair of terminals (16) onto an end of flat power cable (18) has a pair of wide cavities (92) to receive the terminated cable end from rearwardly thereof, for contact sections (30) of the terminals (16) to extend forwardly from or be exposed along the forward housing mating face (34). A strain relief member (14) is then securable to the rearward end (36) of the housing (12) such as by latching thereto, to secure the terminals (16) within the cavities (92) and define a cable exit (72) spaced rearwardly of the terminations of the terminals (16). The strain relief member (14) can be bifurcated having upper and lower struts (50,52) joined at one lateral end (56) thereof to be inserted over the flat cable (18) from one side (48), and a latch arm (58) extends forwardly from the joined end (54) and a pair of adjacent latch arms (64) extend forwardly from the unjoined ends (62) of the struts (50,52), for latching to the housing (12), and the adjacent latch arms (64) after latching act as a single latch arm.

IPC 1-7

H01R 9/07; **H01R 23/66**; **H01R 13/506**

IPC 8 full level

H01R 12/24 (2006.01); **H01R 12/77** (2011.01); **H01R 12/70** (2011.01)

CPC (source: EP KR)

H01R 12/777 (2013.01 - EP); **H01R 12/78** (2013.01 - KR); **H01R 12/775** (2013.01 - EP)

Citation (examination)

EP 0342868 A1 19891123 - AMP INC [US]

Cited by

EP0926764A3

Designated contracting state (EPC)

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