

Title (en)

Connector housing with latch arm.

Title (de)

Verbindergehäuse mit Verriegelungsarm.

Title (fr)

Boîtier de connecter avec bras de verrouillage.

Publication

EP 0633628 A3 19960529 (EN)

Application

EP 94110035 A 19940628

Priority

GB 9313393 A 19930629

Abstract (en)

[origin: EP0633628A2] An electrical connector housing (8) was a pair of coplanar latch arms (116) which are connected by a U-shaped resilient strap (118) at their rear ends. The strap (118) has a bight (122) which is connected to the housing (8) to provide a pivot point (P) about which the latch arms (116) are pivotable between a normal position and a latching position. Each latch arm (116) terminates forwardly, in a latching head (134) which lies beneath a side wall (132) of a hood (60) enclosing the forward end of the housing (8). The remainder of each latch arm (116) is substantially coplanar with the hood side wall (132) whereby the latch arms (116) are in-line with the housing (8). The latch arms (116) are connected to the housing by way of the bight (122) of the strap (118). The in-line location of the latch arms (116) avoids the tangling with leads extending from terminals when the housing has been loaded with terminals. Moulding of the housing is also facilitated and the latch arms are protected against damage when the housing (8) is being handled. <IMAGE>

IPC 1-7

H01R 13/627

IPC 8 full level

H01R 13/627 (2006.01)

CPC (source: EP)

H01R 13/6273 (2013.01)

Citation (search report)

- [Y] FR 1455850 A 19660520 - MOULAGES IND PLASTO
- [YA] DE 9016983 U1 19911128
- [XA] GB 2163385 A 19860226 - AMP INC
- [XP] DE 4205960 A1 19930902 - HARTING ELEKTRONIK GMBH [DE]
- [A] GB 2195501 A 19880407 - ELECTRONIC COMPONENTS LTD
- [A] EP 0424887 A1 19910502 - AMP INC [US]

Cited by

EP0764962A1; GB2348744A; GB2348744B; EP2573875B1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

EP 0633628 A2 19950111; EP 0633628 A3 19960529; EP 0633628 B1 19990818; DE 69420088 D1 19990923; DE 69420088 T2 20000330; EP 0911911 A1 19990428; GB 9313393 D0 19930811

DOCDB simple family (application)

EP 94110035 A 19940628; DE 69420088 T 19940628; EP 98123607 A 19940628; GB 9313393 A 19930629