

Title (en)  
CONNECTOR ASSEMBLY FOR A MULTICORE CABLE

Publication  
**EP 0431408 A3 19911016 (DE)**

Application  
**EP 90122342 A 19901122**

Priority  
DE 3940230 A 19891205

Abstract (en)  
[origin: EP0431408A2] 1. Connector assembly for a multicore cable. 2.1 Previously known connector assemblies are of complicated construction to the extent that the contact element inserted into the connector core are held therein against an axial displacement via barbs. In addition, the known connector assemblies are of complicated construction and/or are difficult to handle, for easy mutual coupling of the individual connector parts. The new connector assembly is intended to be easier to produce and easier to handle. 2.2 To this end, the connector core (4) of the first connector part (2) has an inner core body with a plurality of channel-shaped recesses which are arranged in its enveloping surface and are open radially outwards, for the insertion of contact elements from the outside, and an outer guide ring (54), which can be pushed over the inner core body, for closing the recesses. The guide ring (54) comprises a plurality of axially extending retaining claws (57, 58) whose free ends (60, 61) are supported fixedly on one end section of the cable, which they at least partially surround. 2.3 Production of a connector assembly for connecting electrical connector parts.  
<IMAGE>

IPC 1-7  
**H01R 13/623**; **H01R 23/26**

IPC 8 full level  
**H01R 13/502** (2006.01); **H01R 13/58** (2006.01); **H01R 13/623** (2006.01); **H01R 13/516** (2006.01)

CPC (source: EP)  
**H01R 13/502** (2013.01); **H01R 24/86** (2013.01); **H01R 13/516** (2013.01); **H01R 13/58** (2013.01); **H01R 2107/00** (2013.01)

Citation (search report)  
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**DE 3940230 A1 19910606**; **DE 3940230 C2 19930422**; EP 0431408 A2 19910612; EP 0431408 A3 19911016

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