

Title (en)
Connector assembly for a multicore cable.

Title (de)
Steckeranordnung für ein mehradriges Kabel.

Title (fr)
Dispositif de connecteur pour un câble multifilaire.

Publication
EP 0431408 A2 19910612 (DE)

Application
EP 90122342 A 19901122

Priority
DE 3940230 A 19891205

Abstract (en)
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>

Abstract (de)
Die neue Steckeranordnung soll einfacher herzustellen und leichter zu handhaben sein. Dazu hat der Steckerkern (4) des ersten Steckerteils (2) einen inneren Kernkörper mit mehreren in seiner Mantelfläche angeordneten, radial nach außen hin offenen kanalförmigen Ausnehmungen zum Einlegen der Kontaktelemente von außen und einen über den inneren Kernkörper schiebbaren äußeren Führungsring (54) zum Verschließen der Ausnehmungen. Der Führungsring (54) umfaßt mehrere sich axial erstreckende Halteklauen (57, 58), deren freie Enden (60, 61) auf einem Endabschnitt des Kabels, dieses zumindest teilweise umgreifend fest abgestützt sind.

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IPC 8 full level
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CPC (source: EP)
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Cited by
GB2261777A; US11600954B2; CN103891060A; CN118156929A; FR2868884A1; CN114110244A; CN116598828A; DE10233075A1; DE10233075B4; US6957972B2; US7874860B2; WO2005078870A1

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