

Title (en)

MULTIPLE CONNECTOR

Publication

**EP 0037013 B1 19850814 (DE)**

Application

**EP 81102019 A 19810318**

Priority

DE 3012174 A 19800328

Abstract (en)

[origin: CA1158331A] The invention relates to a multiple signal cable system having a plurality of individual plug heads formed at the free ends of the cables for connection to a corresponding number of counter-piece contacts on a unitary adapter. The present invention permits a simplified manipulation of the multiple plug heads for connection with the adapter, while also affording rearrangement of the sequence of individual plug heads in accordance with the particular adapter. The individual plug heads are connected together in a consolidated, unitary arrangement by means of a housing collar having a sequence of side-by-side chambers for respectively securing the plug heads tightly therein. Lock means are provided on the housing and plug heads to secure the plug heads against relative movement and prevent the individual plug heads from falling out or being withdrawn from the unitary arrangement; however, the lock means are releasable to permit removal or rearrangement of the plug heads as needed.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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**H01R 2107/00** (2013.01 - EP US)

Citation (examination)

- DE 2135728 A1 19720203 - SOCAPEX
- DE 1938540 A1 19710211 - GONZALES JESUS CHICO
- US 3901575 A 19750826 - HOOVER CHARLES DONALD
- US 3656086 A 19720411 - DEBAIGT JEAN
- GB 2024537 A 19800109 - LABINAL

Cited by

EP0187255A1; EP0317756A3; FR2781092A1; FR2625619A1; FR2539924A1; EP2346118A1; EP0316554A1; US4919621A; EP0162181A1;  
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DOCDB simple family (publication)

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DE 3012174 C2 19841129; DK 135781 A 19810929; JP S56152176 A 19811125; JP S6044788 B2 19851005; US 4597627 A 19860701

DOCDB simple family (application)

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