

Title (en)

Self terminating connector and cable assembly.

Title (de)

Sich selbst abschliessender Steckverbinder und Kabelanordnung.

Title (fr)

Connecteur et assemblage de câble terminal à impédance auto-adaptant.

Publication

**EP 0393670 A2 19901024 (EN)**

Application

**EP 90107443 A 19900419**

Priority

US 34097989 A 19890420

Abstract (en)

Ends of electrical conductors (5) of an electrical cable are joined to corresponding self terminating, shielded connectors (4), each comprising, a conductive shell (20) connected to at least one corresponding sheath (8), a dielectric support (29) in the shell (20), a conductive switch contact (23) connected to a corresponding signal transmitting conductor (5) and carried by the dielectric support (29) for disconnect connection to an electrical contact inserted into the shielded connector (4), and an electrical circuit element (24) in contact with the shell (20) constructed for disconnect coupling with the switch contact (23) upon withdrawal of the electrical contact from the shielded connector (4), whereby the switch contact (23) is terminated electrically to the shell (20) through the circuit element (24).

IPC 1-7

**H01R 9/05; H01R 17/12**

IPC 8 full level

**H01P 1/10** (2006.01); **H01R 9/03** (2006.01); **H01R 9/05** (2006.01); **H01R 13/646** (2011.01); **H01R 13/66** (2006.01)

CPC (source: EP KR)

**H01R 9/0518** (2013.01 - EP); **H01R 13/6473** (2013.01 - KR); **H01R 13/65915** (2020.08 - EP); **H01R 13/7197** (2013.01 - KR); **H01R 24/46** (2013.01 - EP); **H01R 2103/00** (2013.01 - EP)

Cited by

WO2022106553A1; US6030240A; EP4002606A1; GB2307113A; GB2307113B; EP0666618A1; FR2716039A1; US5580261A; US6398568B1; WO02101886A1; WO9907041A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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**EP 90107443 A 19900419**; AU 5374490 A 19900420; DE 69022096 T 19900419; JP 10057790 A 19900418; KR 900005460 A 19900419; NZ 23290690 A 19900313