

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 B1 19950906 (EN)

Application

EP 90107443 A 19900419

Priority

US 34097989 A 19890420

Abstract (en)

[origin: EP0393670A2] 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)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0393670 A2 19901024; EP 0393670 A3 19910417; EP 0393670 B1 19950906; AU 5374490 A 19901108; AU 623246 B2 19920507; DE 69022096 D1 19951012; DE 69022096 T2 19960215; JP 2892762 B2 19990517; JP H02301977 A 19901214; KR 900017237 A 19901115; NZ 232906 A 19920326

DOCDB simple family (application)

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