Title (en)

A coaxial cable and core and a method for manufacturing the same.

Title (de)

Ein Koaxialkabel und Kern und Verfahren zu seiner Herstellung.

Title (fr)

Un câble coaxial et âme et son procédé de fabrication.

Publication

EP 0655751 A3 19960828 (EN)

Application

EP 94308821 A 19941129

Priority

JP 32631393 A 19931129

Abstract (en)

[origin: EP0655751A2] The present invention comprises an electrical cable core with one or more of various electrical characteristics (such as the electrostatic capacity, characteristic impedance, and propagation delay time) controlled (e.g., made uniform) in the lengthwise direction of the cable, and a method for manufacturing the same. The invention further comprises a coaxial cable in which said core is used. This cable core is achieved by means of a computer that computes the difference in the event that a difference is produced between a specific predetermined electrostatic capacity per unit of length for the core and the measured value for electrostatic capacity per unit of length of the cable. If a difference is detected, extrusion apparatus applying a second dielectric layer is controlled by the control apparatus so that the thickness of the dielectric layer is modified to deliver the desired electrical properties. <IMAGE>

IPC 1-7

H01B 11/18

IPC 8 full level

H01B 11/18 (2006.01); **H01B 13/016** (2006.01); **H01B 13/14** (2006.01)

CPC (source: EP)

H01B 11/1834 (2013.01); **H01B 13/146** (2013.01)

Citation (search report)
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Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0655751 A2 19950531; **EP 0655751 A3 19960828**; JP H07153330 A 19950616

DOCDB simple family (application)

EP 94308821 A 19941129; JP 32631393 A 19931129