

Title (en)

Process of manufacturing a lengthwise impervious cable.

Title (de)

Verfahren zum Herstellen eines längswasserdichten Kabels.

Title (fr)

Procédé de fabrication d'un câble longitudinalement étanche.

Publication

**EP 0151900 A2 19850821 (DE)**

Application

**EP 84730151 A 19841221**

Priority

DE 3404488 A 19840206

Abstract (en)

1. A method of manufacturing an electrical and/or optical cable which is impervious in the longitudinal direction, in particular but not exclusively a communications cable, by filling the cable core with a filler composition which consists of a mixture of a water-repellent, wax-like substance, e.g. petrolatum, with minute hollow bodies consisting of elastic synthetic resin material, characterised in that a water-repellent, wax-like substance which is mixed with foamable synthetic resin hollow bodies and is heated to a temperature below the temperature which triggers the foaming of the hollow bodies, is poured into the cable core, where the foaming of the synthetic resin hollow bodies is initiated by the supply of additional amounts of heat.

Abstract (de)

Für das Füllen von elektrischen und/oder optischen Kabeln zum Längsdichten mit einer Füllmasse, die auf Petrolatbasis fußt und mit mikrokleinen Hohlkörpern gemischt ist, die durch Wärme expandiert werden können. Das Verfahren zum Füllen wird dabei so geführt, daß der Temperaturverlauf beim Füllen so beeinflußt wird, daß erst nach beendetem Füllvorgang der Expansionsprozeß der Hohlkörper einsetzen kann.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Cited by

EP0279718A1; FR2609835A1; NL1014829C2; AU773153B2; EP0271171A1; AU598327B2; US6894218B2; WO0036614A1; WO0175906A1

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