

Title (en)

METHOD FOR MANUFACTURING A POWER CABLE AND CABLE MANUFACTURED BY MEANS OF SUCH A METHOD

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES STROMKABELS UND MIT DIESEM VERFAHREN HERGESTELLTES KABEL

Title (fr)

PROCEDE DE FABRICATION D'UN CABLE DE TRANSPORT D'ENERGIE ELECTRIQUE ET CABLE FABRIQUE PAR UN TEL PROCEDE

Publication

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Application

**EP 13762155 A 20130916**

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Abstract (en)

[origin: WO2014041174A1] The invention relates to a method for manufacturing a cable, including, from the inside to the outside, a central electrical conductor (1), a first semiconductor screen (2), an intermediate electric insulator (3), a second semiconductor screen (4), a metal screen (5) and an outer sheath (6), the method comprising a step of extruding a composition comprising at least one polyolefin for forming at least one layer constituting the first semiconductor screen, the intermediate electric insulator or second semiconductor screen and a step of cross-linking said layer. According to the invention, the method comprises the step of injecting, into the composition, a liquid solution containing at least one peroxide and at least one so-called cross-linking coagent, during the manufacture of said layer. The invention likewise relates to a cable manufactured by means of such a method.

IPC 8 full level

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