

Title (en)

METHOD AND DEVICE FOR MANUFACTURING A CABLE COMPRISING TWO LAYERS OF THE IN SITU COMPOUND TYPE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES KABELS MIT ZWEI SCHICHTEN DER IN-SITU-VERBINDUNGSTYPE

Title (fr)

PROCÉDÉ ET DISPOSITIF DE FABRICATION D'UN CABLE À DEUX COUCHES DU TYPE GOMME IN SITU

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2009083213A1] Method for manufacturing a metal cable comprising two layers (Ci, Ce) of M+N construction, made up of an inner layer (Ci) consisting of M wires of diameter d1 wound together in a helix with a pitch p1, M varying from 2 to 4, and an outer layer (Ce) of N wires of diameter d2 wound together in a helix with a pitch p2 around the inner layer (Ci), said method comprising at least the following steps, carried out in line: an assembly step, in which the M core wires are twisted together so as to form the inner layer (Ci) at a point of assembly; downstream of said point of assembly of the M core wires, a sheathing step, in which the inner layer (Ci) is sheathed with a diene rubber composition called "filling compound" in the uncured state; an assembly step, in which the N wires of the outer layer (Ce) are twisted together around the inner layer (Ci) thus sheathed; and a final twist balancing step. Device for implementing such a method.

IPC 8 full level

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