

Title (en)

TWO-LAYER METAL CABLES HAVING A SHEATHED INNER LAYER AND AN IMPROVED PERFORMANCE

Title (de)

ZWEISCHICHTIGE METALLISCHE KABEL, DIE EINE UMMANTELTE INNERE SCHICHT UND EINE VERBESSERTE LEISTUNG AUFWEISEN

Title (fr)

CÂBLES MÉTALLIQUES À DEUX COUCHES AVEC COUCHE INTERNE GAINÉE À RENDEMENT AMÉLIORÉ

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Application

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Abstract (en)

[origin: WO2021094674A1] The invention relates to a two-layer cable (50) comprising: - an inner layer (C1) consisting of M>1 inner metal wires (F1); - a cable outer layer (C3) consisting of N outer metal wires (F3) wound around the inner layer (C1) of the cable. The cable (50) is obtained by a method involving a step of manufacturing the sheathed inner layer (CIG) in which the inner layer (CI) is surrounded by an elastomer composition having a thickness G and then by the N outer metal wires to form the outer layer (C3), with N being strictly greater than Nmax, which is the maximum number of outer metal wires (F3) that can be arranged on the theoretical outer layer (C3T) obtained when the inner layer (C1) is in direct contact with the theoretical outer layer (C3T).

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