

Title (en)

Coiled tubing power cable for deep wells

Title (de)

Rohrwendelstromkabel für tiefe Bohrlöcher

Title (fr)

Câble électrique à tube spiralé pour puits profonds

Publication

EP 3057107 B1 20180110 (EN)

Application

EP 15305194 A 20150210

Priority

EP 15305194 A 20150210

Abstract (en)

[origin: EP3057107A1] The invention concerns a power cable for providing power to a downhole tool situated within a deep well. The power cable comprises a plurality of stranded cable cores (2). Each cable core comprises an inner conductor (5) of a first conductive material, an armour core layer (6) surrounding the inner conductor of a second conductive material having higher tensile strength than the first conductive material and a conducting core layer (7) surrounding the armour core layers of a third conductive material. The inner conductor, the armour core layer and the outer conducting core layer are electrically connected to each other along the cable core's longitudinal length.

IPC 8 full level

H01B 7/04 (2006.01)

CPC (source: EP)

H01B 7/046 (2013.01); **H01B 9/006** (2013.01); **H01B 9/04** (2013.01)

Cited by

CN107086069A; CN106298003A

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