

Title (en)

POWER TRANSMISSION CABLE AND A PROCESS TO MANUFACTURE THE CABLE

Title (de)

KABEL ZUR LEISTUNGSÜBERTRAGUNG UND VERFAHREN ZUR HERSTELLUNG DES KABELS

Title (fr)

CÂBLE DE TRANSPORT D'ÉNERGIE ET PROCÉDÉ DE FABRICATION DE CE CÂBLE

Publication

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Application

EP 16710434 A 20160317

Priority

EP 2016055796 W 20160317

Abstract (en)

[origin: WO2017157446A1] The present invention relates to a power transmission cable (10; 20) and to a process for the production of a power transmission cable (10; 20) comprising a conductor (1; 21) and an insulation system (2; 22). The insulation system (2; 22) comprises a first semi-conductive covering (4; 24) comprising a semi-conductive material radially surrounding the conductor (1; 21), an insulation covering (5; 25) comprising an insulation material surrounding the first semi-conductive covering (4; 24) radially outwards and a second semi-conductive covering (6; 26) comprising the semi-conductive material surrounding the insulation covering (5; 25) radially outwards. The semi-conductive material and the insulation material comprise a first polymeric material arranged to form a base film (31; 31'), and a second polymeric material arranged to fill in spaces and/or any voids in the insulation system. The first polymeric material and the second polymeric material have different physical and/or chemical properties. Thus, a non-impregnated cable providing the benefits of a mass-impregnated cable is provided.

IPC 8 full level

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Citation (search report)

See references of WO 2017157446A1

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