

Title (en)  
ELECTRICAL TRANSMISSION CABLE WITH COMPOSITE CORES

Title (de)  
STROMÜBERTRAGUNGSKABEL MIT VERBUNDKERNEN

Title (fr)  
CABLE DE TRANSPORT D'ELECTRICITE A JONCS COMPOSITES

Publication  
**EP 3161833 A1 20170503 (FR)**

Application  
**EP 15733793 A 20150603**

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Abstract (en)  
[origin: WO2016001499A1] The invention concerns an electrical transmission cable comprising at least one composite central core (1A, 1B) formed from fibres embedded in a resin and around which there are disposed metal conductor wires (2, 3), said core (1) being coated with a coating layer (4) consisting of carbon black and/or carbon nanotubes embedded in a resin. According to the invention, the carbon black and/or carbon nanotube content is such that the resistivity of said coating layer (6, 5A, 5B) is less than or equal to  $10+5 \Omega.m$ .

IPC 8 full level  
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