

Title (en)
THREE-CORE CABLE

Title (de)
DREILEITERKABEL

Title (fr)
CABLE A TROIS CONDUCTEURS

Publication
EP 1964133 A1 20080903 (DE)

Application
EP 06792343 A 20060930

Priority
• EP 2006009519 W 20060930
• DE 102005050875 A 20051021

Abstract (en)
[origin: WO2007045345A1] The invention concerns a three-core cable for transmitting electrical power in the frequency range between 50 Hz and 400 Hz with three phase conductors and at least one neutral or return conductor, which are stranded together with control lines to form a uniform cable. The conductor strands forming the current-carrying wires (11/1 to 11/3) are each combined with control lines (28) to form three cable wires (11/1, 11/2, 11/3), and a ground conductor or return conductor on, in total, three line strands (12/1, 12/2, 12/3) is divided into essentially equal portions that are stranded with the current-carrying cable wire (11/1, 11/2, 11/3) in such a manner that the current-carrying wires (11/1, 11/2, 11/3) are arranged adjacent to one another in a three-line symmetry with regard to the central axis of the cable. The ground conductor wires (12/1, 12/2, 12/3) are arranged between every two current-carrying wires in the respective filler (19/1, 19/2, 19/3) of the cross-section of the three-core cable (10).

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Citation (search report)
See references of WO 2007045345A1

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