

Title (en)
POWER CABLE

Title (de)
STARKSTROMKABEL

Title (fr)
CÂBLE DE PUISSANCE

Publication
EP 2027589 B1 20110921 (DE)

Application
EP 07720126 A 20070507

Priority
• CH 2007000229 W 20070507
• CH 9642006 A 20060614

Abstract (en)
[origin: WO2007143865A1] The heavy current cable (1) for 50/60 Hz TN-S mains comprises preferably a central earth connector (2), around which three phase leads (3, 4, 5) and a neutral lead (6) are stranded. The earth lead (2) can have a smaller cross-section than the phase leads (3, 4, 5) and the neutral lead (6), and can be straight. This heavy current cable (1) is characterised by a defined cable reactance, by a constant current distribution over the phase cables and by the avoidance of any induction currents. In addition virtually no interference can be coupled into parallel lying I & C-leads. There is only a low level of NIS-radiation and no short-circuiting forces. Finally, there is a time saving during installation.

IPC 8 full level
H01B 9/00 (2006.01)

CPC (source: EP US)
H01B 9/006 (2013.01 - EP US); **H01B 7/04** (2013.01 - EP US)

Cited by
EP4310866A1; DE102022207440A1

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DOCDB simple family (publication)
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