

Title (en)
POWER CABLE

Title (de)
STARKSTROMKABEL

Title (fr)
CÂBLE DE PUISSANCE

Publication
EP 2027589 A1 20090225 (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)

Citation (search report)
See references of WO 2007143865A1

Cited by
EP4310866A1; DE102022207440A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
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