

Title (en)
HIGH VOLTAGE INDUCTION DEVICE

Title (de)
HOCHSPANNUNGS-INDUKTIONSVORRICHTUNG

Title (fr)
DISPOSITIF D'INDUCTION HAUTE TENSION

Publication
EP 1034549 A1 20000913 (EN)

Application
EP 98964466 A 19981130

Priority
• EP 9807739 W 19981130
• GB 9725317 A 19971128

Abstract (en)
[origin: GB2332557A] A high voltage induction device including a power cable (12) comprising inner conducting means (13-15) and outer electrical insulation (20-22) having spaced apart inner and outer layers (20, 21) of semiconducting material and, positioned between the inner and outer layers, an intermediate layer (22) of electrically insulating material. The conducting means comprises conductor means (14) and cooling means (13) for cooling the conductor means (14) to improve the electrical conductivity of the conductor means. The inner layer (20) of semiconducting material is electrically connected to the conductor means and the outer layer (21) of semiconducting material is at a controlled electric potential along its length.

IPC 1-7
H01F 36/00; **H02K 3/40**; **H01F 6/04**

IPC 8 full level
H01F 6/04 (2006.01); **H01F 36/00** (2006.01); **H02K 3/40** (2006.01)

CPC (source: EP)
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GB 9725317 A 19971128; AU 1965599 A 19981130; CN 98811511 A 19981130; EP 9807739 W 19981130; EP 98964466 A 19981130; JP 2000523685 A 19981130; ZA 9810938 A 19981130