Title (en)

HIGH VOLTAGE WINDING

Title (de)

HOCHSPANNUNGSWICKLUNG

Title (fr)

ENROULEMENT HAUTE TENSION

Publication

EP 1040549 A1 20001004 (EN)

Application

EP 98957293 A 19981123

Priority

- SE 9802123 W 19981123
- SE 9704337 A 19971125

Abstract (en)

[origin: WO9930405A1] A high voltage winding having a jointed, multi-wire, electrically insulated cable (10) being part of an electrical machine, a method of jointing said insulating conductor at manufacture, assembly or repair, and an electrical machine having such a high voltage winding. The multi-wire insulated cable comprises a core having a plurality of conductor wires (12, 23, 33, 43a, 43b, 53a, 53b, 53c, 63, 73), electrically insulated from each other, strands and a multi-layer cable insulation provided around the composite multi-wire conductor. The cable insulation comprises a first, inner semiconductive layer (14) surrounding the conductor, a layer of a solid insulation (16) provided around the inner semiconductive layer, and a second, outer semiconductive layer (18) surrounding the solid insulation. The joint connects and electrically contacts two cable cores (20, 30, 50, 60, 70). All strands in each cable core are at the joint arranged in electrical contact with each other.

IPC 1-7

H02K 3/28; H02K 3/32

IPC 8 full level

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Citation (search report)

See references of WO 9930405A1

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