

Title (en)

INSULATED ELECTRIC CONDUCTOR FOR WINDINGS OF TRANSFORMERS AND REACTIVE COILS

Publication

EP 0030338 B1 19850403 (DE)

Application

EP 80107450 A 19801128

Priority

- SE 7910171 A 19791211
- SE 8007350 A 19801020

Abstract (en)

[origin: CA1170732A] 4/dr A conductor, provided with insulation for forming windings for transformers and other inductive apparatus comprises two substantially rectangular uninsulated conductor strands, which are arranged with a flat side of one conductor strand facing a flat side of the other conductor strand and with an insulating layer arranged between the flat conductor sides, of a material which forms a glued joint between the conductor strands and which contains a spacer of insulating material to ensure that the conductor strands are held at a distance from each other. The glued joint may be provided either before or after the forming of the conductor into a winding. After the glued joint has been achieved, a winding manufactured from the conductor has a high breaking strength and low additional losses. The conductor is suitable for the manufacture of complicated windings as well, such as interleaved disc windings.

IPC 1-7

H01F 27/28

IPC 8 full level

H01F 27/28 (2006.01)

CPC (source: EP US)

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Cited by

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EP 0030338 A1 19810617; **EP 0030338 B1 19850403**; BR 8008058 A 19810623; CA 1170732 A 19840710; DE 3070426 D1 19850509; NO 803716 L 19810612; US 4552990 A 19851112

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