Title (en)

WINDING IN TRANSFORMER OR INDUCTOR

Title (de)

TRANSFORMATOR ODER INDUKTORWICKLUNG

Title (fr)

ENROULEMENT DE TRANSFORMATEUR OU D'INDUCTEUR

Publication

EP 1016101 A1 20000705 (EN)

Application

EP 98902349 A 19980202

Priority

- SE 9800152 W 19980202
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Abstract (en)

[origin: WO9834244A1] A power transformer or inductor is disclosed. The winding (31) of the transformer/inductor is made of a flexible conductor (38) having electric field containing means forcing the electric field due to the electric current in the winding (31) to be contained within the insulating layer of the flexible conductor (38). The thickness of the insulating layer of the flexible conductor (38) is adopted in such a way to make the electric stress (33) constant throughout the length of the winding. The cross section area of the insulating layer of the flexible conductor (38) is thus optimized, providing for a transformer/inductor design with a high space factor.

IPC 1-7

H01F 27/32

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

See references of WO 9834244A1

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