Title (en)

TRANSFORMER, PARTICULARLY WITH AN OXIDE CERAMIC SHELL

Publication

EP 0092870 A3 19840328 (DE)

Application

EP 83200561 A 19830419

Priority

DE 3215474 A 19820424

Abstract (en)

[origin: EP0092870A2] 1. A high-frequency transformer with a high operating voltage frequency and a large difference between the primary and the secondary voltage, comprising an oxyde-ceramic core material, a bobbin (17) consisting of a winding tube (5) and flanges (3) and multi-layer windings (9, 11) which are wound one onto the other and which are acommodated in the winding space between the flanges (3), the individual windings (9, 11) being insulated from one another by means of insulating foils (31), and spacers (25, 26) being provided between the axial winding ends and the flanges (3), which create clearances between the axial winding ends and the flanges, characterized in that the spacers are constructed as spacing blocks (25, 26) which are distributed along the winding circumference and which are guided in dovetail guides (27).

IPC 1-7

H01F 27/28; H01F 19/00; H01F 23/00

IPC 8 full level

H01F 38/42 (2006.01); **H01F 27/06** (2006.01); **H01F 27/32** (2006.01)

CPC (source: EP)

H01F 27/324 (2013.01)

Citation (search report)

- [X] DD 121566 A1 19760805
- [Y] DE 2340787 B2 19800626
- [AD] DE 6937815 U 19700102 - SIEMENS AG [DE]
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- [Y] R. FEINBERG "Modern Power Transformer Practice", 1980 THE MACMILLAN PRESS LTD, London Seiten 22-24
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Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0092870 A2 19831102; **EP 0092870 A3 19840328**; **EP 0092870 B1 19870318**; DE 3215474 A1 19831103; DE 3370403 D1 19870423; JP H0316771 B2 19910306; JP S58192313 A 19831109

DOCDB simple family (application)

EP 83200561 A 19830419; DE 3215474 A 19820424; DE 3370403 T 19830419; JP 6933783 A 19830421