

Title (en)

Transformer and method of cooling a transformer

Title (de)

Transformator und Verfahren zur Kühlung eines Transformators

Title (fr)

Transformateur et procédé de refroidissement d'un transformateur

Publication

EP 1037220 A3 20010822 (DE)

Application

EP 00250096 A 20000317

Priority

DE 19912280 A 19990318

Abstract (en)

[origin: EP1037220A2] A cast resin transformer (4) includes three sets of windings (1- 3) arranged in series and adjacent to one another. Of the three winding sets only the second winding set (2) has a cooling element (18,34). The second set of windings (2) includes a first winding (13) enclosed by a second winding (10) with provision for an inter- space (16) for accommodating the cooling element (18,34), which is specifically designed as a cooling cylinder (18), which contains a plastics material, or is completely made of plastics material or more specifically contains a metal.

IPC 1-7

H01F 27/08

IPC 8 full level

H01F 27/08 (2006.01)

CPC (source: EP)

H01F 27/085 (2013.01)

Citation (search report)

- [A] DE 1563160 A1 19700409 - CONTINENTAL ELEKTRO IND AG
- [A] EP 0461664 A1 19911218 - MITSUBISHI ELECTRIC CORP [JP]
- [A] DE 1912760 A1 19701001 - LICENTIA GMBH
- [A] US 1563354 A 19251201 - FORTESCUE CHARLES LE G

Cited by

US7330095B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1037220 A2 20000920; EP 1037220 A3 20010822; EP 1037220 B1 20080507; AT E394781 T1 20080515; BR 0001264 A 20001031; DE 19912280 C1 20000914; DE 50015139 D1 20080619; ES 2302680 T3 20080801; PT 1037220 E 20080729

DOCDB simple family (application)

EP 00250096 A 20000317; AT 00250096 T 20000317; BR 0001264 A 20000320; DE 19912280 A 19990318; DE 50015139 T 20000317; ES 00250096 T 20000317; PT 00250096 T 20000317