

Title (en)

AIR-COOLED TRANSFORMER WITH WINDINGS EMBEDDED IN CAST RESIN

Publication

**EP 0102513 B1 19860122 (DE)**

Application

**EP 83107410 A 19830727**

Priority

DE 3229480 A 19820806

Abstract (en)

[origin: US4523171A] A dry-type transformer cast into casting resin, includes windings, a main leakage canal, at least one of the windings being subdivided into coaxial winding parts spaced apart from each other defining an additional axial cooling canal therebetween, separate inner and outer casting resin bodies each having end faces and being cast around a respective one of the winding parts, reinforcements formed on diametrically opposite outer surface regions of the outer casting resin body for receiving axially extended connecting conductors for electrically wiring the winding parts, line terminals and tap terminals disposed on respective reinforcements, and elastic blocks common to all of the windings and winding parts between which the winding parts of a respective winding are clamped and metalically interconnected in front of the end faces of the casting resin bodies.

IPC 1-7

**H01F 27/08**; **H01F 27/28**; **H01F 27/32**

IPC 8 full level

**H01F 27/08** (2006.01); **H01F 27/28** (2006.01); **H01F 27/30** (2006.01); **H01F 27/32** (2006.01)

CPC (source: EP US)

**H01F 27/08** (2013.01 - EP US); **H01F 27/306** (2013.01 - EP US); **H01F 27/327** (2013.01 - EP US); **H01F 2027/328** (2013.01 - EP US)

Citation (examination)

- PATENT ABSTRACTS OF JAPAN, unexamined applications, E Section, Vol. 5, No. 27, February 18, 1981 THE PATENT OFFICE JAPANESE GOVERNMENT, page 111 E 46
- PATENT ABSTRACTS OF JAPAN, unexamined applications, E Section, Vol. 5, No. 30, February 24, 1981 THE PATENT OFFICE JAPANESE GOVERNMENT, page 31 E 47

Cited by

EP2651020A3; DE102007053685A1; DE19809572A1; DE19809572C2; WO2006103193A3; US8085121B2

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