

Title (en)
WINDING FOR DRY-TYPE TRANSFORMERS

Publication
EP 0048384 B1 19840425 (DE)

Application
EP 81107042 A 19810907

Priority
DE 3035530 A 19800919

Abstract (en)
[origin: EP0048384A1] 1. A winding for dry transformers having turns, which consist of a wound conductor (8) made of bare metal and are arranged in radially superimposed layers in a massive block which resembles a cast body and consists of synthetic resin, characterised in - that the bare wound conductor (8) is introduced into the winding assembly parallel and together with at least one dry strip (3) which consists of an insulating material and is impregnated with synthetic resin ; - that at least one strip (3) is folded parallel to the wound conductor (8) at least twice ; - that an inner wound cylinder (2), layer insulations (5) and an outer wound cylinder (6) are likewise wound from the dry strip (3) impregnated with synthetic resin ; and - that the turns consisting of the bare wound conductor (8) and the strips (3) consisting of an insulating material, are bound together to form a block by means of the synthetic resin which is introduced as an impregnation and which has hardened after the termination of the winding process.

IPC 1-7
H01F 27/32

IPC 8 full level
H01F 27/32 (2006.01)

CPC (source: EP)
H01F 27/327 (2013.01)

Cited by
EP4086927A1; WO2022233447A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0048384 A1 19820331; EP 0048384 B1 19840425; AT E7250 T1 19840515; BR 8105530 A 19820518; DE 3035530 A1 19820506; DE 3163307 D1 19840530; JP S5784112 A 19820526

DOCDB simple family (application)
EP 81107042 A 19810907; AT 81107042 T 19810907; BR 8105530 A 19810831; DE 3035530 A 19800919; DE 3163307 T 19810907; JP 14867281 A 19810919