

Title (en)
Dry-type electrical transformer

Title (de)
Elektrischer Trockentransformator

Title (fr)
Transformateur électrique de type sec

Publication
EP 2439755 A1 20120411 (EN)

Application
EP 10187072 A 20101008

Priority
EP 10187072 A 20101008

Abstract (en)
Dry-type electrical transformer comprising a magnetic core, an inner winding which is arranged around a portion of the magnetic core and has a first rated voltage, at least one outer winding which is arranged around the inner winding and has a second rated voltage which is different from the first rated voltage, wherein the outer winding is spaced apart from the inner winding so as a desired total air-gap is formed there between. A plurality of electrically insulating barriers are positioned between the inner and outer windings and are spaced apart from each other and from the windings so as the total air-gap is divided into a plurality of sub-air-gaps.

IPC 8 full level
H01F 27/32 (2006.01)

CPC (source: EP)
H01F 27/324 (2013.01)

Citation (search report)

- [X] JP H07211553 A 19950811 - TOSHIBA CORP
- [XI] JP 2002033219 A 20020131 - HITACHI LTD
- [XI] JP H11154615 A 19990608 - HITACHI LTD
- [XI] US 271050 A 18830123
- [XI] DE 1098601 B 19610202 - LICENTIA GMBH
- [A] CS 271050 B1 19910711 - FRANK JAROSLAV [CS], et al

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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