Title (en)

Method for manufacturing a toroidal core

Title (de)

Verfahren zur Herstellung eines Ringkerns

Title (fr)

Procédé de fabrication d'un noyau toroïdal

Publication

EP 1959459 A3 20080903 (DE)

Application

EP 08010495 A 20051006

Priority

- EP 05799949 A 20051006
- DE 102004048793 A 20041007
- DE 102005041975 A 20050903

Abstract (en)

[origin: WO2006040074A1] A polyphase transformer (101) comprises a number of toroidal cores (102) adjacently arranged in an axial direction. The toroidal cores (102) support phase windings of different phases. The connecting points of the phase windings of two adjacent toroidal cores (102) are offset from one another in a peripheral direction. This offset, i.e. of the geometric angles between the connecting points of the phase windings of two adjacent toroidal cores (102) approximately corresponds to the phase shift, i.e. to the electric phase angle between the voltage signals of these toroidal cores (102).

IPC 8 full level

H01F 41/02 (2006.01); **B32B 15/08** (2006.01); **H01F 27/26** (2006.01); **H01F 27/29** (2006.01); **H01F 30/16** (2006.01); H01F 30/12 (2006.01)

CPC (source: EP US)

H01F 27/263 (2013.01 - EP); **H01F 30/16** (2013.01 - EP US); **H01F 41/063** (2016.01 - EP); **H01F 41/08** (2013.01 - EP); **H01F 41/09** (2016.01 - EP); H01F 30/12 (2013.01 - EP); Y10T 29/4902 (2015.01 - EP US); Y10T 29/49071 (2015.01 - EP US)

Citation (search report)

- [A] WO 9512887 A1 19950511 - CIBA GEIGY AG [CH], et al
- [A] DE 1016377 B 19570926 - LICENTIA GMBH
- [A] US 3465273 A 19690902 - BROCK ELWOOD M
- [A] US 3043000 A 19620710 - HATFLELD FREDERICK A
- [A] FR 1333285 A 19630726 - A R L ETABLISSEMENTS AUGIER SO

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 2006040074 A1 20060420; AP 2007003983 A0 20070630; AP 2125 A 20100517; AT 424030 T 20090315; AT 554488 T 20120515; AT 554489 T 20120515; AU 2005293857 A1 20060420; AU 2005293857 B2 20091001; BR PI0516543 A 20080909; CA 2583262 A1 20060420; CN 101036204 A 20070912; CY 1109446 T1 20140813; DE 502005006711 D1 20090409; DK 1797573 T3 20090602; EA 012485 B1 20091030; EA 012992 B1 20100226; EA 012993 B1 20100226; EA 200700561 A1 20071026; EA 200900169 A1 20090630; EA 200900170 A1 20090630; EG 24744 A 20100718; EP 1797573 A1 20070620; EP 1797573 B1 20090225; EP 1959459 A2 20080820; EP 1959459 A3 20080903; EP 1959459 B1 20120418; EP 1959460 A2 20080820; EP 1959460 A3 20081001; EP 1959460 B1 20120418; ES 2321638 T3 20090609; JP 2008516433 A 20080515; KR 20070102987 A 20071022; MA 29002 B1 20071101; MX 2007004125 A 20070802; PL 1797573 T3 20090731; PT 1797573 E 20090521; SI 1797573 T1 20090831; TN SN07129 A1 20081121; US 2008007378 A1 20080110; ZA 200702353 B 20080430

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