

Title (en)

WOUND TRANSFORMER CORE AND METHOD OF MANUFACTURE

Title (de)

GEWICKELTER TRANSFORMATORKERN UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

NOYAU DE TRANSFORMATEUR TORIQUE ET PROCÉDÉ DE FABRICATION ASSOCIÉ

Publication

EP 2769389 A2 20140827 (EN)

Application

EP 12841237 A 20121018

Priority

- US 201161627916 P 20111019
- US 201261634123 P 20120222
- US 2012000520 W 20121018

Abstract (en)

[origin: WO2013058808A2] In a transformer core and transformer, a wound transformer core is formed from magnetic steel strips that are wound into multiple rings of different widths and arranged to define a ring-like structure having a stepped, substantially circular cross-section without any cuts or gaps in the magnetic path, or the core is wound from one or more tapered strips that are wound to define a cross-section that is circular, oval, egg-shaped, or square-shaped with truncated corners.

IPC 8 full level

H01F 27/24 (2006.01)

CPC (source: EP)

H01F 27/25 (2013.01); **H01F 41/0213** (2013.01)

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

DOCDB simple family (publication)

WO 2013058808 A2 20130425; WO 2013058808 A3 20140306; BR 112014009610 A2 20170509; CA 2853037 A1 20130425; EP 2769389 A2 20140827; EP 2769389 A4 20150617; ZA 201403037 B 20160224

DOCDB simple family (application)

US 2012000520 W 20121018; BR 112014009610 A 20121018; CA 2853037 A 20121018; EP 12841237 A 20121018; ZA 201403037 A 20140425