

Title (en)
THREE-PHASE CHOKE

Title (de)
DREIPHASIGE DROSSEL

Title (fr)
BOBINE DE RÉACTANCE TRIPHASÉE

Publication
EP 2847770 A1 20150318 (DE)

Application
EP 13717964 A 20130424

Priority
• DE 102012207557 A 20120507
• EP 2013058559 W 20130424

Abstract (en)
[origin: CA2868697A1] The invention relates to a magnetic core (20) of a three-phase choke (10) comprising a first, second and third magnetic leg (1, 2, 3) for receiving a respective first, second and third electrical winding (L1, L2, L3) of a respective first, second and third electrical phase, wherein the first, second and third legs (1, 2, 3) are arranged in a star-shape or a triangular shape.

IPC 8 full level
H01F 3/10 (2006.01); **H01F 37/00** (2006.01); **H01F 38/06** (2006.01)

CPC (source: EP US)
H01F 3/10 (2013.01 - EP US); **H01F 27/24** (2013.01 - US); **H01F 37/00** (2013.01 - EP US); **H01F 38/06** (2013.01 - EP US);
H02M 7/537 (2013.01 - US)

Citation (search report)
See references of WO 2013167382A1

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)
DE 102012207557 A1 20131107; AR 090946 A1 20141217; AU 2013258290 A1 20141023; BR 112014027162 A2 20170627;
CA 2868697 A1 20131114; CL 2014003006 A1 20150227; CN 104285263 A 20150114; EP 2847770 A1 20150318; JP 2015520948 A 20150723;
KR 20150002731 A 20150107; MX 2014012102 A 20141121; RU 2014149233 A 20160627; TW 201405596 A 20140201;
US 2015102881 A1 20150416; WO 2013167382 A1 20131114; ZA 201407046 B 20150826

DOCDB simple family (application)
DE 102012207557 A 20120507; AR P130101534 A 20130506; AU 2013258290 A 20130424; BR 112014027162 A 20130424;
CA 2868697 A 20130424; CL 2014003006 A 20141106; CN 201380024218 A 20130424; EP 13717964 A 20130424;
EP 2013058559 W 20130424; JP 2015510714 A 20130424; KR 20147030698 A 20130424; MX 2014012102 A 20130424;
RU 2014149233 A 20130424; TW 102116092 A 20130506; US 201314398935 A 20130424; ZA 201407046 A 20140929