

Title (en)

Shunt reactor

Title (de)

Luftspaltdrossel

Title (fr)

Réacteur à dérivation

Publication

EP 2088603 B1 20171025 (EN)

Application

EP 09152300 A 20090206

Priority

FI 20080085 A 20080206

Abstract (en)

[origin: EP2088603A2] The invention is related to a three phase four or five leg iron core type shunt reactor for power transmission or distribution networks. A range of the ratio $Z_o : Z_1$ between about 0,3 and 1 is achieved by arranging an air-gap on the flux return leg.

IPC 8 full level

H01F 3/14 (2006.01); **H01F 29/10** (2006.01); **H01F 37/00** (2006.01)

CPC (source: EP FI)

H01F 3/12 (2013.01 - FI); **H01F 3/14** (2013.01 - EP); **H01F 29/10** (2013.01 - EP); **H01F 37/00** (2013.01 - EP)

Cited by

DE102016107295A1; CN109326420A; CN104282412A; EP4089696A1; US10930423B1; EP3136405A4; CN104882253A; CN106057402A; EP3591674A1; WO2017182544A1; US8810335B2; US10971927B2; JP5306562B1

Designated contracting state (EPC)

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 SE SI SK TR

DOCDB simple family (publication)

EP 2088603 A2 20090812; EP 2088603 A3 20140625; EP 2088603 B1 20171025; FI 20080085 A0 20080206; FI 20080085 L 20090807

DOCDB simple family (application)

EP 09152300 A 20090206; FI 20080085 A 20080206