

Title (en)

DEVICE FOR REDUCING HIGH-FREQUENCY INTERFERENCES OF A TRANSFORMER

Title (de)

VORRICHTUNG ZUR REDUZIERUNG HOCHFREQUENTER STÖRUNGEN EINES TRANSFORMATORS

Title (fr)

DISPOSITIF POUR LA RÉDUCTION DE PERTURBATIONS À HAUTE FRÉQUENCE D'UN TRANSFORMATEUR

Publication

EP 3841599 A1 20210630 (DE)

Application

EP 19758670 A 20190820

Priority

- DE 102018120181 A 20180820
- EP 2019072233 W 20190820

Abstract (en)

[origin: WO2020038923A1] The invention relates to a device for reducing high-frequency interferences between a first winding (W1) and a second winding (W2) of a transformer (1) that are wound around a common core (2), wherein the first winding (W1) is an interference-emitting winding and a shielding winding (Ws) or a shielding film (Ws) is arranged between the first winding (W1) and the second winding (W2), wherein the shielding winding (Ws) and the core (2) are connected to the reference potential (B) of the first winding (W1).

IPC 8 full level

H01F 27/28 (2006.01)

CPC (source: EP US)

H01F 27/24 (2013.01 - US); **H01F 27/285** (2013.01 - EP US); **H01F 27/289** (2013.01 - EP US); **H01F 27/29** (2013.01 - US); **H01F 27/363** (2020.08 - EP US); **H01F 27/36** (2013.01 - EP); **H01F 27/38** (2013.01 - EP)

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 2020038923 A1 20200227; CN 209785725 U 20191213; DE 102018120181 A1 20200305; EP 3841599 A1 20210630; US 11996228 B2 20240528; US 2021327643 A1 20211021

DOCDB simple family (application)

EP 2019072233 W 20190820; CN 201821683800 U 20181017; DE 102018120181 A 20180820; EP 19758670 A 20190820; US 201917268974 A 20190820