

Title (en)

FLOATING-GROUND ISOLATED POWER SUPPLY FOR AN ELECTRONIC CONVERTER

Title (de)

POTENTIALFREI ISOLIERTE STROMVERSORGUNG FÜR EINEN ELEKTRONISCHEN WANDLER

Title (fr)

ALIMENTATION ISOLEE A MASSE FLOTTANTE POUR CONVERTISSEUR ELECTRONIQUE

Publication

EP 3763025 A1 20210113 (FR)

Application

EP 19706699 A 20190227

Priority

- FR 1852011 A 20180308
- EP 2019054851 W 20190227

Abstract (en)

[origin: WO2019170491A1] The invention relates to a power electronics system (1) for converting energy, comprising at least one electronic driver circuit for driving amplification (10), at least one floating-ground isolated power supply (11), and at least one digital arithmetic unit (2) for generating control signals (12). The invention more particularly relates to the floating-ground isolated power supply (11) based on control signals (12).

IPC 8 full level

H02M 1/00 (2006.01); **H03K 17/691** (2006.01)

CPC (source: EP US)

H02M 1/00 (2013.01 - EP US); **H02M 1/08** (2013.01 - US); **H02M 3/33523** (2013.01 - US); **H03K 17/691** (2013.01 - EP US); **H02M 1/0006** (2021.05 - EP US); **H02M 1/0009** (2021.05 - US); **H03K 2217/0081** (2013.01 - EP US)

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 2019170491 A1 20190912; CN 111819776 A 20201023; EP 3763025 A1 20210113; FR 3078846 A1 20190913; FR 3078846 B1 20210219; JP 2021516031 A 20210624; US 11451128 B2 20220920; US 2021057981 A1 20210225

DOCDB simple family (application)

EP 2019054851 W 20190227; CN 201980017886 A 20190227; EP 19706699 A 20190227; FR 1852011 A 20180308; JP 2020546873 A 20190227; US 201916979065 A 20190227