

Title (en)

MULTI-PHASE POWER SUPPLIES FOR LIGHT FIXTURES

Title (de)

MEHRPHASIGE STROMVERSORGUNGEN FÜR LEUCHTEN

Title (fr)

ALIMENTATIONS ÉLECTRIQUES POLYPHASÉES DESTINÉES À DES APPAREILS D'ÉCLAIRAGE

Publication

EP 3632185 A4 20201223 (EN)

Application

EP 17911979 A 20170601

Priority

US 2017035438 W 20170601

Abstract (en)

[origin: WO2018222196A1] An electrical system can include a power supply coupled to an electrical load, where the power supply includes an AC/DC converter and a number of DC/DC converters, where the AC/DC converter provides raw DC power to the DC/DC converters, where the DC/DC converters receive the raw DC power and generate final DC power for the electrical load. The electrical system can also include a controller coupled to the power supply, where the controller selectively enables and disables the DC/DC converters.

IPC 8 full level

H02M 7/02 (2006.01); **H05B 45/59** (2022.01)

CPC (source: EP US)

H02M 1/14 (2013.01 - EP US); **H02M 7/02** (2013.01 - EP); **H05B 45/3725** (2020.01 - EP US); **H05B 45/59** (2022.01 - EP US); **H02M 1/007** (2021.05 - EP); **H05B 45/385** (2020.01 - EP US)

Citation (search report)

- [X] US 2013049462 A1 20130228 - CHEN KENG [US], et al
- [XI] US 2003081438 A1 20030501 - DINH JAMES S [US], et al
- [I] WO 0231943 A2 20020418 - PRIMARION INC [US]
- See also references of WO 2018222196A1

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

DOCDB simple family (publication)

WO 2018222196 A1 20181206; CA 3065754 A1 20181206; EP 3632185 A1 20200408; EP 3632185 A4 20201223; MX 2019013805 A 20200120

DOCDB simple family (application)

US 2017035438 W 20170601; CA 3065754 A 20170601; EP 17911979 A 20170601; MX 2019013805 A 20170601