

Title (en)

POWER CONVERTER WITH DYNAMIC VOLTAGE SCALING

Title (de)

LEISTUNGSWANDLER MIT DYNAMISCHER LEISTUNGSSKALIERUNG

Title (fr)

CONVERTISSEUR DE PUISSANCE COMPORTANT UNE MISE À L'ÉCHELLE DE TENSION DYNAMIQUE

Publication

EP 3123266 A1 20170201 (EN)

Application

EP 14808593 A 20141203

Priority

- US 201461970046 P 20140325
- EP 2014076445 W 20141203

Abstract (en)

[origin: WO2015144263A1] The present invention relates to a power converter generating an adjusted supply voltage according to the performance required by a supplied device. The supplied device communicates its required supply voltage, i.e. the reference supply voltage, to the power converter. With the required supply voltage communicated to and an adjusted supply voltage generated by the power converter, the energy consumption of the device is optimized.

IPC 8 full level

G05F 1/00 (2006.01); **G06F 1/26** (2006.01); **H02M 3/156** (2006.01); **H02M 3/157** (2006.01)

CPC (source: EP)

H02M 3/156 (2013.01); **H02M 3/157** (2013.01); **H02M 1/0022** (2021.05)

Citation (search report)

See references of WO 2015144263A1

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 2015144263 A1 20151001; EP 3123266 A1 20170201; JP 2017509305 A 20170330; TW 201537876 A 20151001; TW I586086 B 20170601

DOCDB simple family (application)

EP 2014076445 W 20141203; EP 14808593 A 20141203; JP 2016558321 A 20141203; TW 103142164 A 20141204