

Title (en)
POWER CONDITIONING AND SAVING DEVICE

Title (de)
ENERGIEAUFBEREITUNGS- UND SPEICHERVORRICHTUNG

Title (fr)
DISPOSITIF DE CONDITIONNEMENT ET D'ÉCONOMIE DE PUISSANCE

Publication
EP 2936523 A4 20161221 (EN)

Application
EP 13866186 A 20131217

Priority
• US 201261738635 P 20121218
• US 201314055558 A 20131016
• US 2013075539 W 20131217

Abstract (en)
[origin: WO2014099839A2] Systems and methods are disclosed herein to a power factor adjuster comprising: a power factor measurement unit configured to measure the power factor on an input line to a load and generate a power factor correction signal based on the measured power factor; and a power factor adjustment unit connected to the power factor measurement unit comprising: a fixed capacitor connected in series to a first switching device; and an adjustable element having a variable capacitance connected in parallel to the fixed capacitor and in series to a second switching device, wherein the overall capacitance of the power factor adjustment unit is adjusted by adjusting the capacitance of the adjustable element or by toggling the first and second switching devices in response to the power factor correction signal.

IPC 8 full level
H01G 5/16 (2006.01); **H02J 3/18** (2006.01)

CPC (source: EP)
H02J 3/1828 (2013.01); **Y02E 40/30** (2013.01)

Citation (search report)
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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 2014099839 A2 20140626; WO 2014099839 A3 20140814; CA 2895783 A1 20140626; CN 105103251 A 20151125;
EP 2936523 A2 20151028; EP 2936523 A4 20161221; HK 1217057 A1 20161216; MX 2015007937 A 20160216

DOCDB simple family (application)
US 2013075539 W 20131217; CA 2895783 A 20131217; CN 201380073304 A 20131217; EP 13866186 A 20131217; HK 16104905 A 20160428;
MX 2015007937 A 20131217