

Title (en)
ENERGY ACCUMULATOR DEVICE

Title (de)
ENERGIESPEICHERVORRICHTUNG

Title (fr)
DISPOSITIF ACCUMULATEUR D'ÉNERGIE

Publication
EP 3274217 A1 20180131 (DE)

Application
EP 16711217 A 20160316

Priority
• DE 102015104293 A 20150323
• EP 2016055685 W 20160316

Abstract (en)
[origin: WO2016150792A1] The invention relates to an energy accumulator device for connecting a first voltage network (21) having a first voltage level to at least a second voltage network (22) having a second voltage level, wherein the first voltage level is higher than the second voltage level, wherein a plurality of module strings is present, in each of which a number of battery cell modules (Cx) is provided and said battery cell modules are interconnected, wherein the module strings (30, 31, 32, 34, 40, 41, 42, 43) are connected in parallel with each other, wherein a plurality of battery cell modules (Cx) connected to each other alternately in parallel or in series by means of a switching elements is present in each module string.

IPC 8 full level
B60R 16/033 (2006.01); **H01M 10/44** (2006.01); **H02J 7/00** (2006.01)

CPC (source: CN EP US)
B60R 16/033 (2013.01 - CN EP US); **H01M 10/441** (2013.01 - CN EP US); **H01M 10/482** (2013.01 - CN EP US); **H02J 7/0024** (2013.01 - EP US); **H02M 3/155** (2013.01 - US); **H02J 1/082** (2020.01 - CN EP US); **H02J 7/0024** (2013.01 - CN); **H02J 7/1423** (2013.01 - CN EP US); **H02J 2310/46** (2020.01 - EP US); **Y02E 60/10** (2013.01 - EP)

Citation (search report)
See references of WO 2016150792A1

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)
DE 102015104293 A1 20160929; CN 107864645 A 20180330; CN 107864645 B 20210226; EP 3274217 A1 20180131; US 2018109122 A1 20180419; WO 2016150792 A1 20160929

DOCDB simple family (application)
DE 102015104293 A 20150323; CN 201680018269 A 20160316; EP 16711217 A 20160316; EP 2016055685 W 20160316; US 201615560349 A 20160316