

Title (en)  
SOLAR POWER SYSTEM AND METHOD THEREOF

Title (de)  
SOLARENERGIESYSTEM UND VERFAHREN DAFÜR

Title (fr)  
SYSTÈME À ÉNERGIE SOLAIRE ET PROCÉDÉ ASSOCIÉ

Publication  
**EP 3455135 A1 20190320 (EN)**

Application  
**EP 17796925 A 20170512**

Priority

- US 201662335818 P 20160513
- US 2017032373 W 20170512

Abstract (en)  
[origin: CN108602565A] A solar power system comprising a solar panel, a load, and a battery pack group. The load comprising an electric motor operatively coupled with a propeller. The battery pack group comprises one or more voltage controllable battery packs, each of said one or more voltage controllable battery packs comprising a plurality of battery cells. The voltage controllable battery packs having a rigid printedcircuit board electrically coupled with the plurality of battery cells, the rigid printed circuit board including an interconnect connector to electrically couple with a corresponding interconnect connector of a second voltage controllable battery pack.

IPC 8 full level  
**B64D 41/00** (2006.01); **B64C 27/12** (2006.01); **B64D 27/24** (2006.01); **H02S 10/40** (2014.01); **H02S 40/38** (2014.01)

CPC (source: EP US)  
**B64D 27/24** (2013.01 - US); **B64D 27/353** (2024.01 - EP); **B64D 27/357** (2024.01 - EP); **G05F 5/00** (2013.01 - EP US); **H02J 7/35** (2013.01 - EP US); **H02S 20/30** (2014.12 - EP); **B64D 27/353** (2024.01 - US); **H02J 7/0024** (2013.01 - EP US); **H02J 2310/44** (2020.01 - EP); **Y02E 10/50** (2013.01 - EP); **Y02E 70/30** (2013.01 - EP); **Y02T 50/50** (2013.01 - EP)

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)  
CN 108602565 A 20180928; CN 108602565 B 20221209; EP 3455135 A1 20190320; EP 3455135 A4 20200101

DOCDB simple family (application)  
CN 201780008610 A 20170512; EP 17796925 A 20170512