

Title (en)
BATTERY STATE DETECTION SYSTEM AND METHOD

Title (de)
BATTERIEZUSTANDSERFASSUNGSSYSTEM UND -VERFAHREN

Title (fr)
SYSTÈME ET PROCÉDÉ DE DÉTECTION D'ÉTAT DE BATTERIE

Publication
EP 3455641 A1 20190320 (EN)

Application
EP 17797018 A 20170515

Priority
• US 201662336118 P 20160513
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• US 2017032645 W 20170515

Abstract (en)
[origin: CN109073712A] A battery charger and method is disclosed for detecting when a battery has a low state of health while simultaneously charging or maintaining the battery. A battery charger includes a processor; a non-transitory memory device; a power management device to receive an input power and to output a charging current; a pair of electrical conductors to electrically couple with a battery; and a display electrically coupled to the processor. The display is configured to indicate a bad battery indicator when the battery has a low state of health and whether the battery is good to start.

IPC 8 full level
G01R 31/36 (2019.01)

CPC (source: CN EP US)
G01R 31/36 (2013.01 - CN); **G01R 31/371** (2018.12 - EP); **G01R 31/382** (2018.12 - CN); **G01R 31/3835** (2018.12 - EP);
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Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

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CN 109073712 A 20181221; CN 109073712 B 20220517; CN 114624594 A 20220614; EP 3455641 A1 20190320; EP 3455641 A4 20191211

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CN 201780026057 A 20170515; CN 202210475397 A 20170515; EP 17797018 A 20170515