

Title (en)
STORAGE BATTERY PROTECTED FROM INTERNAL SHORT-CIRCUITS

Title (de)
SPEICHERBATTERIE MIT SCHUTZ GEGEN INTERNE KURZSCHLÜSSE

Title (fr)
BATTERIE D'ACCUMULATEURS PROTEGEE CONTRE LES COURTS-CIRCUITS INTERNES

Publication
EP 2781000 A1 20140924 (FR)

Application
EP 12788499 A 20121114

Priority
• FR 1160460 A 20111117
• EP 2012072600 W 20121114

Abstract (en)
[origin: WO2013072358A1] The invention relates to a storage battery, comprising at least: first and second stages (Et1, Et2) electrically connected in series, each stage including at least first to third cells (A11, A21, A31) electrically connected in parallel; and at least first and second current limiters (Li11, Li21) via which the first to third cells (A11, A21, A31) of said first stage (Et1) are connected in parallel and via which the first to third cells (A12, A22, A32) of said second stage (Et2) are connected in parallel.

IPC 8 full level
H02J 7/00 (2006.01); **H01M 50/509** (2021.01)

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Y02E 60/10 (2013.01 - EP US); **Y02T 10/70** (2013.01 - EP US); **Y02T 10/7072** (2013.01 - EP); **Y02T 90/14** (2013.01 - EP)

Citation (search report)
See references of WO 2013072358A1

Citation (examination)
• US 2003094923 A1 20030522 - EMORI AKIHIKO [JP], et al
• US 2006158816 A1 20060720 - HARRIS RICHARD A [US]
• JP 2011024404 A 20110203 - AMPEREX TECHNOLOGY LTD

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 2013072358 A1 20130523; EP 2781000 A1 20140924; FR 2982998 A1 20130524; FR 2982998 B1 20131220; US 10059216 B2 20180828;
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