

Title (en)

APPARATUS FOR INCREASING SAFETY DURING USE OF BATTERY SYSTEMS

Title (de)

VORRICHTUNG ZUR ERHÖHUNG DER SICHERHEIT BEIM GEBRAUCH VON BATTERIESYSTEMEN

Title (fr)

DISPOSITIF POUR AUGMENTER LA SÉCURITÉ AU COURS DE L'UTILISATION DE SYSTÈMES DE BATTERIES

Publication

EP 3084861 A1 20161026 (DE)

Application

EP 14799461 A 20141118

Priority

- DE 102013226179 A 20131217
- EP 2014074825 W 20141118

Abstract (en)

[origin: WO2015090787A1] The invention is based on a battery system (B), in particular a lithium-ion battery system, comprising at least one terminal (B) for making electrical contact between the battery system (B) and another system and comprising at least one actuator (A) for increasing safety during use of a battery system (B), wherein the actuator (A) is suitable for discharging the battery system (B) by producing an electrical contact between the at least one terminal (T) and a housing (G) of the battery system (B) by means of a contact-making element (KE), and wherein the actuator (A) is inserted into the at least one terminal (T) for making electrical contact.

IPC 8 full level

H01M 10/052 (2010.01); **H01M 10/42** (2006.01); **H01M 50/574** (2021.01); **H01M 50/583** (2021.01)

CPC (source: EP KR US)

B60L 50/66 (2019.01 - KR); **H01M 10/425** (2013.01 - EP KR); **H01M 50/543** (2021.01 - KR); **H01M 50/572** (2021.01 - KR);
H01M 50/574 (2021.01 - EP US); **H01M 50/583** (2021.01 - EP US); **H01M 2200/00** (2013.01 - KR); **H01M 2220/20** (2013.01 - KR);
Y02E 60/10 (2013.01 - EP KR); **Y02T 10/70** (2013.01 - EP KR)

Citation (search report)

See references of WO 2015090787A1

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 102013226179 A1 20150618; CN 105830256 A 20160803; CN 105830256 B 20190419; EP 3084861 A1 20161026;
JP 2017504154 A 20170202; JP 6247396 B2 20171213; KR 101891689 B1 20180824; KR 20160096153 A 20160812;
WO 2015090787 A1 20150625

DOCDB simple family (application)

DE 102013226179 A 20131217; CN 201480068462 A 20141118; EP 14799461 A 20141118; EP 2014074825 W 20141118;
JP 2016540491 A 20141118; KR 20167018171 A 20141118