

Title (en)

METHOD FOR CONNECTING BATTERY CELL POLES

Title (de)

VERFAHREN ZUM VERBINDEN VON POLEN VON BATTERIEZELLEN

Title (fr)

PROCÉDÉ DE CONNEXION DE PÔLES D'ÉLÉMENTS DE BATTERIE

Publication

EP 2842183 A1 20150304 (DE)

Application

EP 13711049 A 20130321

Priority

- DE 102012206830 A 20120425
- EP 2013055906 W 20130321

Abstract (en)

[origin: WO2013160033A1] The invention relates to a method for connecting poles (13, 14) of two battery cells (10), comprising a connecting element in the form of a wire (15), said connecting element connecting the poles (13, 14) of the battery cells (10) to each other. According to the invention, the wire (15) is directly connected to a pole (13, 14) of a battery cell (10) in a welding region (17) by means of a laser beam (1) in order to form a laser beam weld.

IPC 8 full level

H01M 50/528 (2021.01); **H01M 50/516** (2021.01); **H01R 11/28** (2006.01)

CPC (source: EP US)

B23K 26/082 (2015.10 - EP US); **B23K 26/21** (2015.10 - EP US); **B23K 26/32** (2013.01 - EP US); **H01M 50/516** (2021.01 - EP US);
B23K 2103/08 (2018.07 - EP US); **B23K 2103/10** (2018.07 - EP US); **B23K 2103/12** (2018.07 - EP US); **H01R 11/288** (2013.01 - EP US);
H01R 43/0221 (2013.01 - EP US); **Y02E 60/10** (2013.01 - EP)

Citation (search report)

See references of WO 2013160033A1

Citation (examination)

US 2003217993 A1 20031127 - STOL ISRAEL [US], et al

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)

WO 2013160033 A1 20131031; DE 102012206830 A1 20131031; EP 2842183 A1 20150304; US 2015099152 A1 20150409

DOCDB simple family (application)

EP 2013055906 W 20130321; DE 102012206830 A 20120425; EP 13711049 A 20130321; US 201314396704 A 20130321