

Title (en)

BATTERY PACK FOR A HAND-HELD ELECTRIC POWER TOOL AND METHOD

Title (de)

AKKUPACK FÜR EINE ELEKTRISCHE HANDWERKZEUGMASCHINE UND VERFAHREN

Title (fr)

BLOC DE BATTERIES POUR UNE MACHINE-OUTIL ÉLECTROPORTATIVE ET PROCÉDÉ

Publication

EP 3991237 A1 20220504 (DE)

Application

EP 20733434 A 20200619

Priority

- EP 19183526 A 20190701
- EP 2020067143 W 20200619

Abstract (en)

[origin: WO2021001179A1] The invention relates to a battery pack for a hand-held electric power tool, wherein the battery pack comprises a housing shell and a core pack that is received in the housing shell. The housing shell is cast with a casting compound which dissipates heat from the core pack. The casting compound being introduced into the housing shell in at least two layer with a first layer and a second layer.

IPC 8 full level

H01M 50/20 (2021.01); **H01M 10/653** (2014.01)

CPC (source: CN EP US)

H01M 10/0422 (2013.01 - CN); **H01M 10/613** (2015.04 - CN US); **H01M 10/6235** (2015.04 - CN); **H01M 10/643** (2015.04 - CN); **H01M 10/653** (2015.04 - EP US); **H01M 50/213** (2021.01 - CN EP US); **H01M 50/24** (2021.01 - CN EP); **H01M 50/247** (2021.01 - CN); **H01M 50/264** (2021.01 - CN); **H01M 2220/30** (2013.01 - EP US); **Y02E 60/10** (2013.01 - EP); **Y02P 70/50** (2015.11 - EP)

Citation (search report)

See references of WO 2021001179A1

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)

EP 3761389 A1 20210106; CN 113748566 A 20211203; CN 113748566 B 20230801; EP 3991237 A1 20220504; US 2022255157 A1 20220811; WO 2021001179 A1 20210107

DOCDB simple family (application)

EP 19183526 A 20190701; CN 202080031960 A 20200619; EP 2020067143 W 20200619; EP 20733434 A 20200619; US 202017620293 A 20200619