

Title (en)
MAINS-OPERATABLE BATTERY CHARGER AND CHARGING SYSTEM

Title (de)
"NETZBETREIBBARES AKKU-LADEGERÄT UND LADESYSTEM"

Title (fr)
SYSTÈME DE CHARGE ET APPAREIL DE CHARGE D'ACCUMULATEURS SUR LE SECTEUR

Publication
EP 3269018 A1 20180117 (DE)

Application
EP 16709399 A 20160310

Priority
• EP 15158344 A 20150310
• EP 2016055110 W 20160310

Abstract (en)
[origin: WO2016142458A1] A mains-operatable battery charger (100) with a charger housing (90) comprising a main charging interface (80) for receiving in a removable manner a main tool battery (10) of a manual machine tool, and with charging electronics (70) arranged inside the charger housing (90) and designed to charge a main tool battery (10) received in the main charging interface (80) with a main charging voltage (U10), is characterised in that the battery charger (100) comprises at least one auxiliary charging interface (21, 31) via which an auxiliary tool battery (20, 30) can be connected to the battery charger (100) and charged with an auxiliary charging voltage (U20, 30) that differs from the main charging voltage (U10).

IPC 8 full level
H02J 7/00 (2006.01)

CPC (source: CN EP US)
H02J 7/0013 (2013.01 - EP US); **H02J 7/0027** (2023.08 - CN); **H02J 7/0045** (2013.01 - EP US); **H05K 7/20145** (2013.01 - US); **H02J 7/0042** (2013.01 - CN EP US); **H02J 2207/40** (2020.01 - US)

Citation (search report)
See references of WO 2016142458A1

Designated contracting state (EPC)
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Designated extension state (EPC)
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DOCDB simple family (publication)
EP 3068010 A1 20160914; CN 107210616 A 20170926; EP 3269018 A1 20180117; US 2018054076 A1 20180222;
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EP 15158344 A 20150310; CN 201680006461 A 20160310; EP 16709399 A 20160310; EP 2016055110 W 20160310;
US 201615556589 A 20160310