

Title (en)
CHARGING STATION

Title (de)
LADESÄULE

Title (fr)
COLONNE DE RECHARGE

Publication
EP 4157669 A1 20230405 (DE)

Application
EP 21730859 A 20210601

Priority
• DE 102020114676 A 20200602
• EP 2021064681 W 20210601

Abstract (en)
[origin: WO2021245084A1] The invention relates to a method for generating and delivering charging current for an electric vehicle in a charging station, comprising the method steps of: generating kinetic energy; supplying a first generator with the generated kinetic energy; supplying a second generator with the generated kinetic energy; converting the generated kinetic energy into electrical energy by means of the first generator; and converting the generated kinetic energy into electrical energy by means of the second generator.

IPC 8 full level
B60L 53/50 (2019.01); **B60L 53/30** (2019.01); **B60L 53/53** (2019.01); **B60L 53/57** (2019.01); **H02J 7/14** (2006.01); **H02J 7/32** (2006.01); **H02J 7/34** (2006.01)

CPC (source: EP US)
B60L 53/32 (2019.01 - EP); **B60L 53/50** (2019.01 - EP); **B60L 53/53** (2019.01 - EP US); **B60L 53/57** (2019.01 - EP US); **H02J 7/1415** (2013.01 - US); **H02J 7/143** (2020.01 - US); **H02J 7/342** (2020.01 - US); **B60L 2250/16** (2013.01 - EP); **H02J 7/1415** (2013.01 - EP); **H02J 7/143** (2020.01 - EP); **H02J 7/342** (2020.01 - EP); **H02J 2207/10** (2020.01 - EP); **H02J 2207/20** (2020.01 - US); **H02J 2300/10** (2020.01 - EP); **H02J 2310/48** (2020.01 - EP); **Y02T 10/70** (2013.01 - EP); **Y02T 10/7072** (2013.01 - EP); **Y02T 90/12** (2013.01 - EP); **Y02T 90/14** (2013.01 - EP)

Citation (search report)
See references of WO 2021245084A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
DE 102020114676 A1 20211202; BR 112022024732 A2 20221227; EP 4157669 A1 20230405; MX 2022015273 A 20230111; US 2023211688 A1 20230706; WO 2021245084 A1 20211209

DOCDB simple family (application)
DE 102020114676 A 20200602; BR 112022024732 A 20210601; EP 2021064681 W 20210601; EP 21730859 A 20210601; MX 2022015273 A 20210601; US 202118000401 A 20210601