

Title (en)
BATTERY FLEET CHARGING SYSTEM

Title (de)
BATTERIEFLOTTENLADESYSTEM

Title (fr)
SYSTÈME DE CHARGE DE PARC DE BATTERIES

Publication
EP 3602730 A4 20201125 (EN)

Application
EP 17905750 A 20170410

Priority
US 2017026852 W 20170410

Abstract (en)
[origin: WO2018190796A1] A battery fleet charging system for charging one or more batteries simultaneously at independently controlled charge rates. The disclosed charging system can intelligently distribute an available charging power among multiple battery chargers, either symmetrically or asymmetrically, as specified by a central controller to regulate the power used by each battery charger.

IPC 8 full level
B60L 50/60 (2019.01); **B60L 53/14** (2019.01); **B60L 53/30** (2019.01); **B60L 53/63** (2019.01); **B60L 53/67** (2019.01); **B60L 58/12** (2019.01); **H02J 7/00** (2006.01); **H02J 7/02** (2016.01)

CPC (source: EP US)
B60L 50/60 (2019.01 - EP US); **B60L 53/14** (2019.01 - EP US); **B60L 53/305** (2019.01 - EP US); **B60L 53/63** (2019.01 - EP); **B60L 53/67** (2019.01 - EP US); **B60L 58/12** (2019.01 - EP US); **H02J 7/00** (2013.01 - US); **H02J 7/0013** (2013.01 - EP US); **H02J 7/0029** (2013.01 - EP US); **H02J 7/0047** (2013.01 - EP US); **Y02E 60/00** (2013.01 - 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); **Y02T 90/16** (2013.01 - EP); **Y04S 10/126** (2013.01 - EP)

Citation (search report)
• [XYI] US 2004130292 A1 20040708 - BUCHANAN WILLIAM D [US], et al
• [Y] US 2015130421 A1 20150514 - BEVILACQUA III JOHN JOSEPH [US]
• [Y] US 6329796 B1 20011211 - POPESCU SERBAN-MIHAI [US]
• See references of WO 2018190796A1

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

DOCDB simple family (publication)
WO 2018190796 A1 20181018; CN 110870157 A 20200306; EP 3602730 A1 20200205; EP 3602730 A4 20201125

DOCDB simple family (application)
US 2017026852 W 20170410; CN 201780091893 A 20170410; EP 17905750 A 20170410