

Title (en)

LITHIUM IRON PHOSPHATE ULTRA FAST BATTERY CHARGER

Title (de)

LITHIUMEISENPHOSPHAT-ULTRASCHNELL-BATTERIELADEGERÄT

Title (fr)

CHARGEUR DE BATTERIE ULTRA RAPIDE À BASE DE PHOSPHATE DE FER ET DE LITHIUM

Publication

EP 2130283 A2 20091209 (EN)

Application

EP 08719822 A 20080325

Priority

- IB 2008051105 W 20080325
- US 90801307 P 20070326

Abstract (en)

[origin: CN101647174A] Disclosed is a charger device. The charger device includes a housing, defining a volume, that includes a power conversion module to provide output power of between 3-300W, and a controller configured to determine a current level to direct to one or more rechargeable batteries, and cause the output power to be directed to the one or more rechargeable batteries at a charging current substantially equal to the determined current level. A ratio of the output power directed to the one or more rechargeable batteries and the volume is equal to at least 10W/in<3>.

IPC 8 full level

H02J 7/00 (2006.01)

CPC (source: EP)

Y02E 60/10 (2013.01)

Citation (search report)

See references of WO 2008117238A2

Citation (examination)

US 5606240 A 19970225 - KOKUGA TOSHIHARU [JP], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

BR PI0809517 A2 20160315; CN 101647174 A 20100210; CN 101647176 A 20100210; CN 103036292 A 20130410; EP 2130283 A2 20091209; JP 2010521950 A 20100624; JP 2013048552 A 20130307

DOCDB simple family (application)

BR PI0809517 A 20080325; CN 200880009769 A 20080320; CN 200880009981 A 20080325; CN 201210546690 A 20080325; EP 08719822 A 20080325; JP 2009553275 A 20080325; JP 2012228338 A 20121015