

Title (en)
HIGH-RATE RECHARGEABLE BATTERY

Title (de)
MIT HOHER RATE WIEDERAUFLADBARE BATTERIE

Title (fr)
BATTERIE RECHARGEABLE A DEBIT ELEVE

Publication
EP 2095456 A4 20100714 (EN)

Application
EP 06837758 A 20061116

Priority

- US 2006044471 W 20061116
- US 73731005 P 20051116
- US 73846405 P 20051119
- US 75918506 P 20060114
- US 77204706 P 20060209
- US 84559706 P 20060919

Abstract (en)
[origin: WO2007059269A2] A battery consisting of multiple electrochemical cells, serial arranged via multiple 2-circuit relays and controlled by a battery management controller, generating high-rate capacity for powering an electrical motor. The invention has application in a modern automobile for powering a mid-size automobile for a distance of up to 1500km. The new electrochemical cell system can be recharged 500 times (every 1500km), and eliminates air pollution and solves many of the other environmental problems associated with the internal combustion engine.

IPC 8 full level
H01M 10/04 (2006.01); **H01M 10/0587** (2010.01); **H01M 10/38** (2006.01); **H01M 10/50** (2006.01); **H01M 50/211** (2021.01); **H01M 50/249** (2021.01); **H01M 50/269** (2021.01); **H01M 50/548** (2021.01); **H01M 50/557** (2021.01)

CPC (source: EP US)
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Citation (search report)

- [X] EP 1137091 A1 20010926 - SONY CORP [JP]
- [X] US 6461759 B1 20021008 - MILLER ROBERT D [US], et al
- See references of WO 2007059269A2

Designated contracting state (EPC)
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DOCDB simple family (publication)
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BR PI0618626 A2 20120508; EP 2095456 A2 20090902; EP 2095456 A4 20100714; JP 2009516355 A 20090416

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