

Title (en)
BATTERY FOR WIRELESS MOBILE COMMUNICATION DEVICE

Title (de)
BATTERIE FÜR EIN DRAHTLOSES MOBILES KOMMUNIKATIONSGERÄT

Title (fr)
BATTERIE POUR DISPOSITIF DE COMMUNICATION MOBILE SANS FIL

Publication
EP 2441105 A4 20130227 (EN)

Application
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CA 2009000818 W 20090610

Abstract (en)
[origin: WO2010142014A1] A battery, comprising a case, an electrode assembly within the case, wherein the electrode assembly includes a positive electrode and a negative electrode, and positive and negative conductors electrically connected to the positive and negative electrodes, respectively, at a substantially similar point on the respective electrode assembly such that current flows in opposite directions through the positive and negative electrodes. The positive and negative conductors are closely routed so as to be aligned and in close proximity. As a result, magnetic fields generated by the positive and negative electrodes and the positive and negative conductors are substantially cancelled.

IPC 8 full level
G06F 1/26 (2006.01); **H01M 10/04** (2006.01); **H01M 10/0583** (2010.01); **H01M 10/0585** (2010.01); **H01M 10/0587** (2010.01); **H01M 50/103** (2021.01); **H01M 50/176** (2021.01); **H01M 50/531** (2021.01); **H01M 50/55** (2021.01); **H01M 50/553** (2021.01); **H01M 50/566** (2021.01); **H04B 15/02** (2006.01); **H04W 88/02** (2009.01); **H01M 10/0525** (2010.01); **H01M 10/12** (2006.01); **H01M 10/34** (2006.01)

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

- [X] JP 2007220372 A 20070830 - NISSAN MOTOR
- [XI] US 2007166611 A1 20070719 - OH JEON-KEUN [KR], et al
- [XI] JP 2008251283 A 20081016 - KYOCERA CORP
- [X] US 2007269685 A1 20071122 - CHU ANDREW C [US], et al
- [XI] JP 2002261894 A 20020913 - KYOCERA CORP
- [A] US 2006125569 A1 20060615 - TAKAYAMA MANABU [JP], et al
- [A] JP 2002100893 A 20020405 - KOBE STEEL LTD
- See references of WO 2010142014A1

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