

Title (en)
INTERCHANGEABLE BATTERY PACK FOR A MOBILE TELEPHONE

Title (de)
AUSWECHSELBARER BATTERIESATZ FÜR MOBILFUNKTELEFON

Title (fr)
ENSEMBLE BATTERIE REMPLAçABLE POUR TELEPHONE MOBILE

Publication
EP 1186150 A1 20020313 (DE)

Application
EP 99924643 A 19990618

Priority
CH 9900266 W 19990618

Abstract (en)
[origin: WO0079771A1] The invention relates to an interchangeable battery pack (2) for mobile telephones (3), comprising battery cells in a housing and electric feeding contacts (22) for supplying power to the mobile telephone (3). The battery pack also comprises a radio interface (20-21), for example, an RFID element, a GPS receiver, a radio time signal receiver etc. Different battery packs, each functioning according to a different communication protocol can be offered.

IPC 1-7
H04M 1/02; H04Q 7/32; H04M 1/725

IPC 8 full level
H04M 1/02 (2006.01); **H04M 1/72409** (2021.01); **H04M 1/72412** (2021.01); **H04W 88/02** (2009.01)

CPC (source: EP US)
G06K 19/07758 (2013.01 - EP US); **H04M 1/0262** (2013.01 - EP US); **H04M 1/72409** (2021.01 - EP US); **H04M 1/72412** (2021.01 - EP US); **H04W 88/02** (2013.01 - EP US); **H04B 1/3883** (2013.01 - EP US); **H04M 2250/02** (2013.01 - EP US); **H04M 2250/10** (2013.01 - EP US)

Citation (search report)
See references of WO 0079771A1

Designated contracting state (EPC)
CH DE FR GB LI

DOCDB simple family (publication)
WO 0079771 A1 20001228; AU 4128899 A 20010109; EP 1186150 A1 20020313; US 2002041175 A1 20020411; US 6456039 B1 20020924

DOCDB simple family (application)
CH 9900266 W 19990618; AU 4128899 A 19990618; EP 99924643 A 19990618; US 99736701 A 20011130