

Title (en)

ENERGY SUPPLY UNIT FOR AIRCRAFT GROUND SUPPORT EQUIPMENT AND INDUSTRIAL TRUCKS

Title (de)

ENERGIEVERSORGUNGSEINHEIT FÜR LUFTFAHRTBODENGERÄTE UND FLURFÖRDERZEUGE

Title (fr)

UNITÉ D'ALIMENTATION EN ÉNERGIE POUR DES MATÉRIELS AU SOL POUR AÉRONEFS ET DES CHARIOTS DE MANUTENTION

Publication

EP 3737577 A1 20201118 (DE)

Application

EP 18717830 A 20180403

Priority

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- EP 2018000150 W 20180403

Abstract (en)

[origin: WO2019137596A1] An energy supply unit (1) for aircraft ground support equipment and industrial trucks (2) is arranged in a replaceable manner on the item of aircraft ground support equipment or industrial truck (2). The energy supply unit (1) comprises a receiving housing (3) in which electrical energy storage units (4) and the electrical connecting means thereof and a battery control apparatus (5), by means of which the operation of the electrical energy storage units (4) can be subjected to open-loop control and closed-loop control, are received and held. In order to reduce the expenditure required for exchanging, replacing and charging electrical energy supply units of this kind, the invention proposes that a charging device (6) by means of which the electrical energy storage units (4) can be charged with electrical energy, a charging cable (7) by means of which the charging device (6) can be connected to an external electrical energy source, and a counterweight arrangement (8) are arranged in the receiving housing (3) of the energy supply unit (1).

IPC 8 full level

B60K 1/04 (2019.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2019137596A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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