

Title (en)

DEVICE FOR SUPPLYING ENERGY TO RAIL VEHICLES

Title (de)

EINRICHTUNG ZUR ENERGIEVERSORGUNG VON SCHIENENFAHRZEUGEN

Title (fr)

SYSTEME D'ALIMENTATION EN ENERGIE POUR VEHICULES SUR RAILS

Publication

EP 1292463 A1 20030319 (DE)

Application

EP 01949216 A 20010530

Priority

- DE 0102047 W 20010530
- DE 10030103 A 20000619

Abstract (en)

[origin: WO0198104A1] The invention relates to a device for supplying electrical energy to rail vehicles. An alternating-current supply (1) is thus connected to a rectifier (3a). A connection (4) for a rail vehicle is arranged after the rectifier (3a). Several rectifiers (3) are arranged in parallel to the one rectifier (3a). A connection (4) for a rail vehicle is arranged after each rectifier (3, 3a). The rectifiers (3, 3a) are, for example, individually controllable.

IPC 1-7

B60M 3/00; B60L 9/00

IPC 8 full level

B60L 9/00 (2006.01); **B60M 3/00** (2006.01); **B61K 13/00** (2006.01)

CPC (source: EP US)

B60L 9/00 (2013.01 - EP US); **B60M 3/00** (2013.01 - EP US); **B61K 13/00** (2013.01 - EP US); **B60L 2200/26** (2013.01 - EP US)

Citation (search report)

See references of WO 0198104A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0198104 A1 20011227; EP 1292463 A1 20030319; US 2003183468 A1 20031002

DOCDB simple family (application)

DE 0102047 W 20010530; EP 01949216 A 20010530; US 31174502 A 20021219