

Title (en)

CONTROLLING POWER SUPPLY TO VEHICLES THROUGH A SERIES OF ELECTRICAL OUTLETS

Title (de)

REGELUNG DER STROMVERSORGUNG FÜR FAHRZEUGE DURCH EINE REIHE VON ELEKTRISCHEN AUSGÄNGEN

Title (fr)

CONTRÔLE DE L'ALIMENTATION DE VÉHICULES PAR UNE SÉRIE DE PRISES ÉLECTRIQUES

Publication

EP 2179483 A4 20121226 (EN)

Application

EP 08783360 A 20080812

Priority

- CA 2008001450 W 20080812
- CA 2598012 A 20070813

Abstract (en)

[origin: CA2598012A1] A system for supplying electrical power to a plurality of vehicles from a central power supply through a plurality of electrical outlets includes an outlet control unit for each of the outlets and a vehicle control unit for each of the vehicles. The outlet microprocessor switches the supply of power to the outlet to communicate data to the vehicle. The vehicle microprocessor communicates data by switching a load across the power supply to provide interaction between the microprocessors to manage requirement and availability of power. The data includes whether the power plant of the vehicle is gasoline powered, diesel powered, hybrid or electric battery powered. The microprocessor of the vehicle control unit is arranged to control switches which supply power to selected loads in the vehicle and includes an interface which is arranged to connect to a Canbus communication system of the vehicle.

IPC 1-7

F02N 17/00

IPC 8 full level

B60R 16/023 (2006.01); **B60S 5/00** (2006.01); **F02N 99/00** (2010.01); **H01R 13/70** (2006.01); **H02J 3/00** (2006.01)

CPC (source: EP US)

B60L 53/65 (2019.01 - EP); **H01R 13/70** (2013.01 - EP US); **H01R 25/00** (2013.01 - EP); **H01R 29/00** (2013.01 - EP); **H02J 3/14** (2013.01 - EP US); **H02J 23/10/58** (2020.01 - EP); **Y02B 70/3225** (2013.01 - EP); **Y02T 90/12** (2013.01 - EP); **Y02T 90/167** (2013.01 - EP); **Y04S 20/222** (2013.01 - EP); **Y04S 30/14** (2013.01 - EP)

Citation (search report)

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- [I] US 5903064 A 19990511 - NORBERG CALLE [SE]
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- [A] US 6614204 B2 20030902 - PELLEGRINO NICHOLAS J [US], et al
- [A] US 6624532 B1 20030923 - DAVIDOW CLIFFORD A [US], et al
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Designated contracting state (EPC)

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DOCDB simple family (publication)

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