

3 Documents

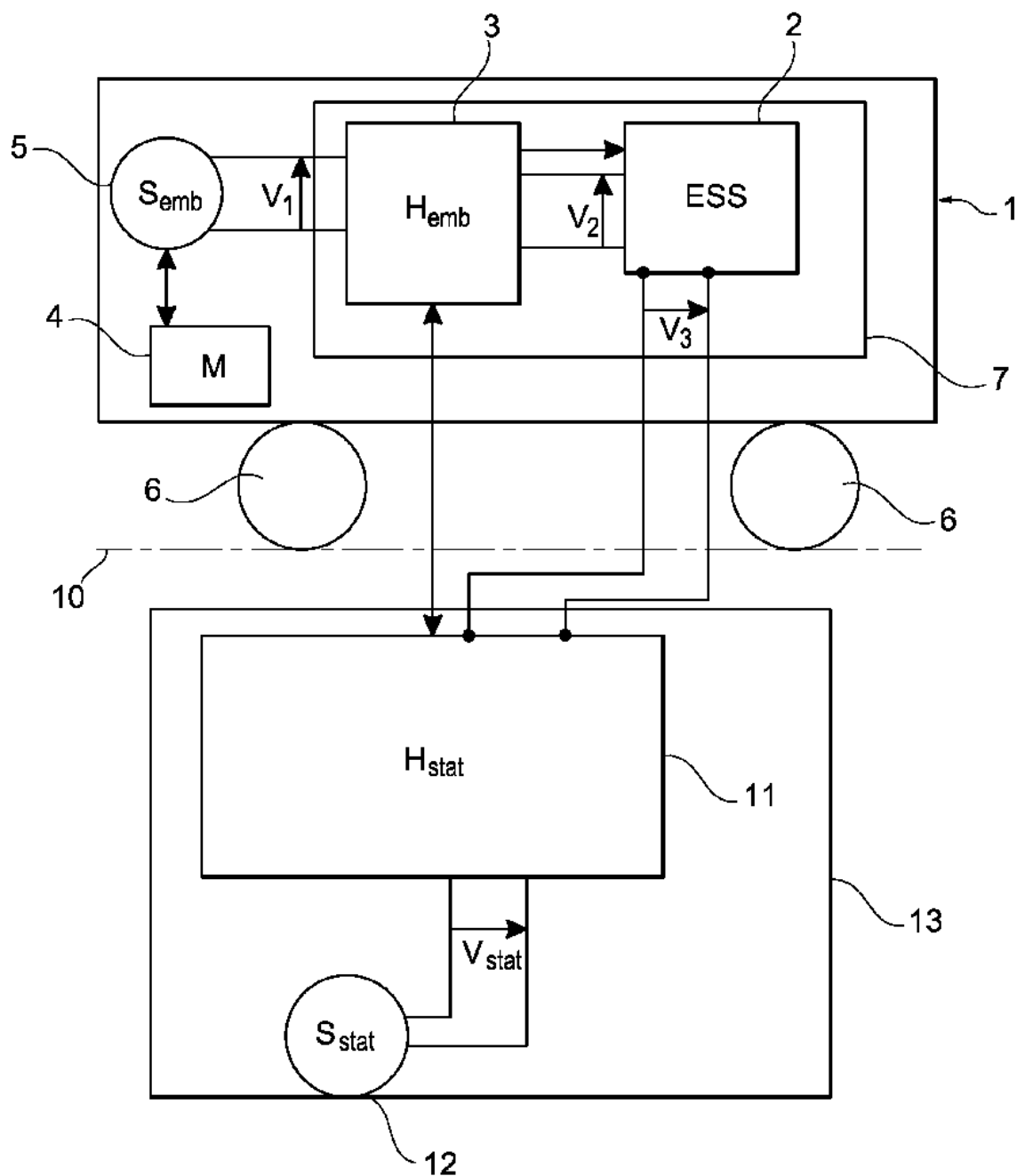
Publication numbers	Title	Current assignees
CA2778162 A1	Method for supplying power to a railway vehicle, station supply system, related on-board power-storage system and rail vehicle	ALSTOM TRANSPORT
FR2966397 A1	Electrical energy recharging device for e.g. battery of tramway, has flexible metal conductive material interposed between surfaces to form surface contact for assuring transfer of energy between energy collector and supply device	ALSTOM TRANSPORT
DE2330255 A1	Battery electric road vehicle system - uses automatic contacts above, below or level with vehicle and spaced intermittently	ELEKTR STRASSENVERKEHR GES, ...

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Title

(EP2524836)

Method for supplying power to a railway vehicle, station supply system, related on-board power-storage system and rail vehicle

Images**Publication data including kind & date**

CA2778162	A1	2012-11-19	CA2778162
CN102785592	A	2012-11-21	CN102785592
EP2524836	A2	2012-11-21	EP2524836
FR2975351	A1	2012-11-23	FR2975351
SG185904	A1	2012-12-28	SG-185904
EP2524836	A3	2015-10-07	EP2524836
CN102785592	B	2016-04-13	CN102785592B
FR2975351	B1	2016-05-06	FR2975351



Abstract

(EP2524836)

The method involves receiving electric energy by a fixed static direct current converter (11) located at a stopping station (10) of a railway vehicle i.e. tramcar (1). The electric energy is transferred by the converter to a destination of an electric energy storage system (7) when the vehicle is stopped in the station, where the converter provides direct voltage (V3) to the storage system depending on a charging state of the storage system. The storage system is charged based on the transferred energy under the voltage provided by the converter. Independent claims are also included for the following: (1) a system for supplying electric energy to a railway vehicle (2) an electric energy storage system.

Inventors

CHANTAL OLIVIER

Latest standardized assignees - inventors removed

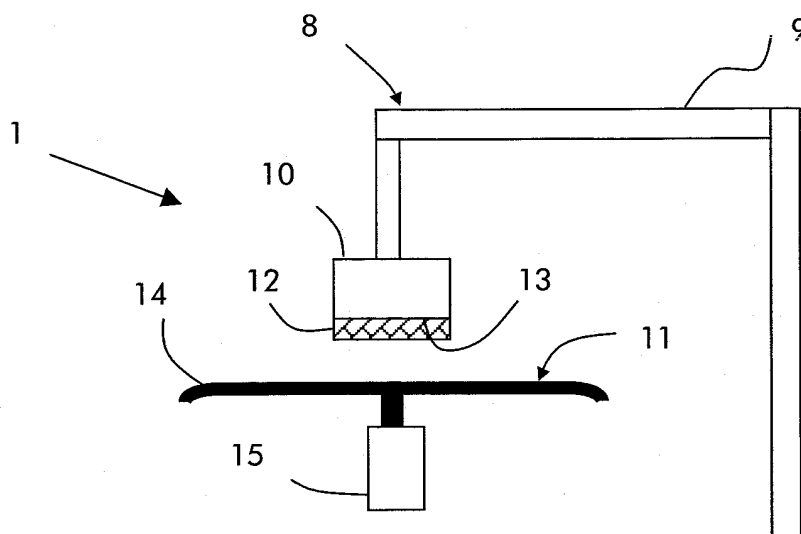
ALSTOM TRANSPORT

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Title

(FR2966397)

Electrical energy recharging device for e.g. battery of tramway, has flexible metal conductive material interposed between surfaces to form surface contact for assuring transfer of energy between energy collector and supply device

Images**Publication data including kind & date**[FR2966397](#)

A1 2012-04-27 FR2966397

**Abstract**

(FR2966397)

The device (1) has an energy supply device (8) arranged exterior to a vehicle, and a mobile energy collector i.e. pantograph (11), fixed on the vehicle. The energy supply device and the collector have surfaces that are arranged in contact with one another. A flexible metal conductive material (12) is interposed between the surfaces to form a surface contact for assuring transfer of energy between the collector and the supply device via a surface of the material, where the material

comprises a flat metal braid such as shielding braid or current return braid. The flexible metal conductive material is fibrous material e.g. woven or non-woven material, or foam material.

Inventors

CHANTAL OLIVIER

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Latest standardized assignees - inventors removed

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Title

(DE2330255)

Battery electric road vehicle system - uses automatic contacts above, below or level with vehicle and spaced intermittently

Publication data including kind & date[DE2330255](#)

A1 1975-01-16 DE2330255

**Abstract**

(DE2330255)

At the base-depot and terminus of each journey, and intermittently if the length of the run should require it, simple automatic connection with replenishing current supply are arranged. Supplies could be drawn from alternating and rotatory current or direct current grids. The number of vehicles and charge-rate determine the supply required at any point. Connection to vehicles could be by pantograph, end plug coupling or under-floor contact with control by the driver and activated in co-ordination with the hand brake application.

Inventors

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Latest standardized assignees - inventors removed

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