

ABSTRACT**Method and system for managing the electric network of a railway network**

The present invention relates to a method for managing an electric network of a railway network, the electric network comprising at least one central unit (19) and a plurality of power supply substations (7), the power supply substations being connected to a current supply means (5) of one or several railway vehicles (3), the power supply substations (7) being adapted to convert a first electric current having a transport voltage, into a second electric current adapted to circulate on the current supply means (5) and having a usage voltage.

Figure 3