

ABSTRACT**Method for deicing a power supply line for railway vehicles**

This method for deicing a direct current power supply line (10) for railway vehicles is provided for a line (10) extending between at least a first and a second reversible substation (20A, 20B) able to supply an electrical current (I) circulating on the electrical power supply line (10), the first substation (20A) being controlled in a current supply mode, to supply an electrical current (I) to the electrical power supply line (10) and the second substation (20B) being controlled in a current recovery mode, to recover the electrical current (I) from the electrical power supply line (10) and send it back on an electrical power supply network (15). The method comprises a step of establishing a voltage difference between the output terminals of the first and second substations (20A, 20B) such that a current (I) circulates on the electrical power supply line (10) between the first substation (20A) and the second substation (20B) and that the heat produced by the circulation of the current (I) causes the deicing of the power supply line (10) between the first and second substations (20A, 20B).

Figure 2