

Title (en)
OPERATING METHOD FOR A COOLING SECTION HAVING CENTRALIZED DETECTION OF VALVE CHARACTERISTICS AND OBJECTS CORRESPONDING THERETO

Title (de)
BETRIEBSVERFAHREN FÜR EINE KÜHLSTRECKE MIT ZENTRALISierter ERFASSUNG VON VENTILCHARAKTERISTIKEN UND HIERMIT KORRESPONDIERENDE GEGENSTÄNDE

Title (fr)
PROCÉDÉ DE FONCTIONNEMENT D'UN CIRCUIT DE REFROIDISSEMENT À SAISIE CENTRALISÉE DE CARACTÉRISTIQUES DE VANNES ET OBJETS CORRESPONDANTS

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Application
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Abstract (en)
[origin: WO2009043668A1] The invention relates to a cooling section having a plurality of coolant outlets (2), by means of which a coolant (4) can be applied to a rolling stock (3) passing through the cooling section (1) during the normal operation of the cooling section (1). The coolant outlets (2) are supplied with the coolant (4) via transmission lines (5) and a mutual main line (6), which the transmission lines (5) have in common. Individually opening and closing valves (7) are disposed in the transmission lines (5) such that the supply of coolant (4) to the coolant outlets (2) can be produced and interrupted by transmission line. An automation device (8) of the cooling section (1) opens and closes the valves (7) at valve-specific opening times and at valve-specific closing times during the normal operation of the cooling section (1) in order to apply coolant (4) to the rolling stock (3) in accordance with a quantitative target coolant course. During the determination of the valve-specific opening times, said automation device takes into consideration a respective valve-specific characteristic. In calibration operation of the cooling section (1), the respective valve-specific characteristic is initially determined at least for some of the valves (7) by opening and closing the respective valve (7), and detecting the chronological course of the quantitative coolant flow (Q) effected thereby by means of a measuring arrangement (12) disposed in the main line (6).

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