

Title (en)

TRAIN OPERATION CONTROL DEVICE, CONTROL METHOD, AND CONTROL PROGRAM

Title (de)

ZUGBETRIEBSTEUERUNGSVORRICHTUNG, STEUERUNGSVERFAHREN UND STEUERUNGSPROGRAMM

Title (fr)

DISPOSITIF DE COMMANDE, PROCÉDÉ DE COMMANDE ET PROGRAMME DE COMMANDE D'EXPLOITATION DE TRAINS

Publication

EP 3078565 A1 20161012 (EN)

Application

EP 14868529 A 20141203

Priority

- JP 2013250503 A 20131203
- JP 2014082036 W 20141203

Abstract (en)

A running profile generator of a train operation control device of an embodiment generates, when a train concerned arrives at a given station to be a next departure, based on a determination whether or not a preceding train running immediately ahead of the train concerned and a succeeding train running immediately behind the train concerned are in a state to be able to leave respective next stations of departure on time as preset on an operation timetable, a running profile for the train concerned from a departure from the station of arrival to an arrival at a next stop, taking an accumulated energy consumption into account. Thus, even with an occurrence of delay, it can make up for the delay and prevent an increase in unnecessary energy consumption, realizing energy saving.

IPC 8 full level

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CPC (source: EP)

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BA ME

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