

Title (en)
HIGH-SPEED TRAIN OPERATION CONTROL METHOD AND SYSTEM

Title (de)
VERFAHREN UND SYSTEM ZUR BETRIEBSSTEUERUNG EINES HOCHGESCHWINDIGKEITSZUGS

Title (fr)
PROCÉDÉ ET SYSTÈME DE COMMANDE DE FONCTIONNEMENT DE TRAIN À GRANDE VITESSE

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Application
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Abstract (en)
A high-speed train operation control method. On the basis of a train network control system and an ATO system installed on a high-speed train, the method comprises: the train network control system communicates with the ATO system by means of a communication interface (S11); the train network control system negotiates with the ATO system to activate an automatic driving mode (S12); the train network control system receives train operation control signals sent by the ATO system and detects whether the communication with the ATO system is normal (S13); and if yes, send a train operation control signal to a corresponding hardware system in the high-speed train to control the hardware system to perform corresponding operations (S14). Also provided is a high-speed train operation control system. The present method and system can ensure the validity of the train operation control signals and improve the reliability of automatic driving.

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