

Title (en)

OPERATING MODE CONTROL SYSTEM AND METHOD FOR CONTAINER TRACK POWER FLATCAR

Title (de)

BETRIEBSMODUSSTEUERUNGSSYSTEM UND VERFAHREN FÜR CONTAINERSCHIENENLEISTUNGSFLACHWAGEN

Title (fr)

SYSTÈME ET PROCÉDÉ DE COMMANDE DE MODE D'EXPLOITATION POUR WAGON PLAT PORTE-CONTENEUR ALIMENTÉ PAR LA VOIE

Publication

**EP 3778334 A1 20210217 (EN)**

Application

**EP 19866723 A 20190116**

Priority

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- CN 2019071955 W 20190116

Abstract (en)

An operating mode control system and method for a powered rail flatcar for containers. The operating mode control system (7) comprises an operating mode switching module (71) provided in an in-vehicle control system (1) of the powered rail flatcar for containers. The operating mode switching module (71) is used for issuing a corresponding operating instruction to the powered rail flatcar for containers according to an operating mode instruction issued by a container automatic control system, to control the powered rail flatcar for containers to switch among a single flatcar operating mode, a coupled operating mode, and a train operating mode. The operating mode control system and method can implement the switching of the powered rail flatcar for containers among a single flatcar operating mode, a coupled operating mode and a train operating mode, is simple to switch, and can be controlled full-automatically, so that the manpower is reduced and the efficiency is improved. The various operating modes fit various demands in the container transportation process, different operating modes are controlled by different control methods, and each powered rail flatcar for containers or coupled flatcar group is taken as a control object, so that the control mode is flexible.

IPC 8 full level

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CPC (source: CN EP)

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