

Title (en)

SYSTEM AND METHOD FOR TRAFFIC MANAGEMENT OF RAILWAY NETWORKS

Title (de)

SYSTEM UND VERFAHREN ZUM VERKEHRSMANAGEMENT VON EISENBAHNNETZEN

Title (fr)

SYSTÈME ET PROCÉDÉ DE GESTION DE TRAFIC DE RÉSEAUX DE CHEMIN DE FER

Publication

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Application

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Priority

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Abstract (en)

[origin: EP3696048A1] A traffic management system (100) for a railway network (200), comprising a communication interface (1) in operative communication with field devices (201) of the railway network (200), a storage device (5), a human machine interface (10) for interfacing with one or more operators, and a system (20) for monitoring and controlling the railway network (200).The monitoring and controlling system (20) is configured to generate one or more batches of command instructions suitable to be issued for execution the field devices (201).The system further comprises an elaboration device (30) configured, upon generation by the monitoring and controlling system of a batch of command instructions, to carry out a safety procedure for evaluating a response of the railway network in relation to the generated batch of command instructions, and to output to the human machine interface (10), for the one or more operators, information indicative of the results of the safety procedure carried out. There is also provided a related method for traffic management of a railway network.

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