

Title (en)

RAILWAY SYSTEM WITH DIAGNOSTIC SYSTEM AND METHOD FOR OPERATING SAME

Title (de)

EISENBAHNANLAGE MIT DIAGNOSESYSTEM UND VERFAHREN ZU DEREN BETRIEB

Title (fr)

INSTALLATION FERROVIAIRE AVEC SYSTÈME DE DIAGNOSTIC ET SON PROCÉDÉ DE FONCTIONNEMENT

Publication

**EP 4117977 A2 20230118 (DE)**

Application

**EP 21721401 A 20210406**

Priority

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- EP 2021058898 W 20210406

Abstract (en)

[origin: WO2021219327A2] The invention relates to, among others, a railway system (10) with a diagnostic system (20) for monitoring railway components (31-34) of the railway system (10) and at least one railway component (31-34) connected to the diagnostic system (20). According to the invention, with respect to the railway system (10), the railway component (31-34) is designed to automatically transmit a self-describing data set (DS34, DS34') to the the diagnostic system (20) and/or allow the diagnostic system (20) to request such a data set (DS34, DS34') as part of a plug-and-play method after being connected, and the diagnostic system (20) is designed to receive the data set (DS34, DS34') from the railway component (31-34) and to integrate the railway component (31-34) into the remaining diagnostic operation on the basis of the data set (DS34, DS34').

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2021219327A2

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