

Title (en)

System and method for failure telemaintenance and expert diagnosis

Title (de)

System und Verfahren für die Fernwartung und Expertendiagnose von Fehlern

Title (fr)

Système et méthode pour télémaintenance et diagnostic expert de pannes

Publication

EP 2251835 A1 20101117 (EN)

Application

EP 09398015 A 20091102

Priority

PT 10424608 A 20081031

Abstract (en)

The present invention is related to a system and method for the telemaintenance of vehicles, namely railway rolling stock, RRS (1), associated to an Intelligent Failure Diagnosis System, IFDS (2), applicable to the universe of the conventional and high-speed train, light rail and potentially comprising all the transport systems. The invention comprises the railway telemaintenance with a maintenance policy centred in the reliability, Reliability Centred Maintenance (RCM), appealing to the technology of maintenance based in the condition, Condition Based Maintenance (CBM), in order to improve and intensify the treatment of the RCM tasks, named by tasks on inspection/condition, on condition tasks, giving rise to a new support tool to the maintenance of railway rolling stock. With this new approach and directly influenced by the efficiency of IFDS (2) it's obtained an optimization of the Reliability, Availability, Maintenance and Security settings of the RRS (1) with the optimization of the life potential of the equipments.

IPC 8 full level

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CPC (source: EP)

G07C 5/006 (2013.01); **G07C 5/008** (2013.01); **G07C 5/0808** (2013.01)

Citation (search report)

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