

Title (en)
A rail train diagnostics system

Title (de)
Schienenzugdiagnosesystem

Title (fr)
Système de diagnostic de train ferroviaire

Publication
EP 2765053 A2 20140813 (EN)

Application
EP 14154105 A 20140206

Priority
IE S20130043 A 20130206

Abstract (en)
A train diagnostics system has an on-board control unit (2) linked by a local area network (30) to interfaces (31, 33, 35) to train systems and sensors (32, 34). A wireless interface (11) for transmission of diagnostics data from the on-board control unit. A ground-based server (3) receives diagnostics data and processes it to generate diagnostic reports. The wireless interface (11) transmits the diagnostics data in multiple channels, including a live data channel and a backfill data channel for data not successfully transmitted on the in real time channel. There is a separate software process for each of said real time and backfill channels, and the real time channel process automatically hands over to the backfill channel process a message for which a positive acknowledgement has not been received when transmitted on the live channel.

IPC 8 full level
B61L 15/00 (2006.01); **B61L 27/00** (2006.01)

CPC (source: EP)
B61L 27/40 (2022.01); **B61L 27/50** (2022.01); **B61L 15/0027** (2013.01); **B61L 15/0081** (2013.01)

Citation (applicant)
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
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DOCDB simple family (publication)
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