

Title (en)

Apparatus for monitoring trackbound vehicles comprising a traction unit and at least one wagon

Title (de)

Einrichtung für die Überwachung eines schienengebundenen Zuges aus einem Triebfahrzeug und mindestens einem Waggon

Title (fr)

Dispositif pour la surveillance de véhicules sur rails comprenant une unité motrice et au moins un wagon

Publication

EP 0970870 B1 20090325 (DE)

Application

EP 99108025 A 19990423

Priority

DE 19830053 A 19980704

Abstract (en)

[origin: EP0970870A2] The train monitoring device uses a communication device (3a,3b) linked to the onboard computer for the locomotive (1) and each wagon (2) of the train, for communication with at least one monitoring center (5) via a long distance communication link (4). The communication devices communicate with one another via a short distance communication link (6), with polling of the data provided by each wagon communication device, which is normally held in a sleep mode.

IPC 8 full level

B61L 27/00 (2006.01); **B61L 15/00** (2006.01); **B61L 23/04** (2006.01); **B61L 25/04** (2006.01)

CPC (source: EP)

B61L 15/0027 (2013.01); **B61L 15/0072** (2013.01); **B61L 15/0081** (2013.01); **B61L 25/04** (2013.01); **B61L 27/40** (2022.01)

Cited by

EP1453272A3; CN113525460A; EP3501940A1; FR3075144A1; US9664596B2; WO2005082696A1; WO2008130777A1; US9221478B2; US9684903B2; US8244276B2; US10820533B2; WO2024083607A1; EP2874860B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Designated extension state (EPC)

AL LT LV MK RO SI

DOCDB simple family (publication)

EP 0970870 A2 20000112; **EP 0970870 A3 20020828**; **EP 0970870 B1 20090325**; AT E426538 T1 20090415; DE 19830053 C1 19991118; DE 59914988 D1 20090507

DOCDB simple family (application)

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