

Title (en)

Monitoring device for the wheelsets of rail vehicles

Title (de)

Überwachungsvorrichtung für die Radsätze von Schienenfahrzeugen

Title (fr)

Dispositif de surveillance pour les essieux de véhicules sur rail

Publication

EP 1992541 A3 20090819 (DE)

Application

EP 08008542 A 20080507

Priority

DE 202007006904 U 20070514

Abstract (en)

[origin: EP1992541A2] The device has infrared (IR)-receiving units (6, 7) inserted within a measuring section (M) below each rail (1a, 1b) of a railway line (1) in a railroad sleeper and attached to an evaluating unit. Microphones (8, 9) are attached to the evaluating unit and the rails within the measuring section laterally located outside the railway line. The microphones are designed as supersensitive cardioid microphones, and a detection unit (10) is arranged within the measuring section.

IPC 8 full level

B61K 9/06 (2006.01); **B61K 9/12** (2006.01)

CPC (source: EP)

B61K 9/06 (2013.01); **B61K 9/12** (2013.01)

Citation (search report)

- [YD] DE 202005015790 U1 20051229 - NEUROTH BERND [DE]
- [Y] US 4790190 A 19881213 - BAMBARA JOSEPH E [US], et al
- [Y] EP 1256502 A2 20021113 - KAEUFER ROLF [DE]
- [YA] DE 10305470 A1 20040826 - SCHENCK PROCESS GMBH [DE]
- [A] DE 202006005190 U1 20060622 - NEUROTH BERND [ES]
- [A] EP 1221595 A1 20020710 - STRAINSTALL GROUP LTD [GB]

Cited by

CN109532938A; DE102022114034A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

DE 202007006904 U1 20070719; EP 1992541 A2 20081119; EP 1992541 A3 20090819

DOCDB simple family (application)

DE 202007006904 U 20070514; EP 08008542 A 20080507