

Title (en)

Temperature monitoring device for axle bearings

Title (de)

Temperatur-Überwachungsvorrichtung für Radsatzlager

Title (fr)

Dispositif de surveillance de la température de boîtes d'essieux

Publication

EP 1772342 A3 20071010 (DE)

Application

EP 06020661 A 20060930

Priority

DE 202005015790 U 20051007

Abstract (en)

[origin: EP1772342A2] Device for monitoring the temperature of a wheel-set bearing of a train passing a measurement point comprises an infrared receiver unit and an evaluation unit contained within a housing beneath the level of a track section. The housing is inserted within a sleeper and supported on at least two shock-absorbing members. The housing (8) also contains an acceleration sensor (11) that is connected to the evaluation unit.

IPC 8 full level

B61L 1/20 (2006.01); **B61K 9/04** (2006.01)

CPC (source: EP)

B61K 9/04 (2013.01); **B61L 1/20** (2013.01); **B61L 23/00** (2013.01)

Citation (search report)

- [A] US 2004075570 A1 20040422 - BARTONEK MARK [US]
- [A] EP 1256502 A2 20021113 - KAEUFER ROLF [DE]
- [A] GB 2091012 A 19820721 - SERVO CORP OF AMERICA

Cited by

EP2647543A1; DE102012006844A1; DE102017120071A1; EP3984855A3; DE102010009754A1; WO2011107231A1; US8827174B2; EP2647543B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1772342 A2 20070411; **EP 1772342 A3 20071010**; **EP 1772342 B1 20081217**; **EP 1772342 B2 20160525**; AT E417772 T1 20090115; DE 202005015790 U1 20051229; DE 502006002365 D1 20090129; ES 2318641 T3 20090501; ES 2318641 T5 20161031

DOCDB simple family (application)

EP 06020661 A 20060930; AT 06020661 T 20060930; DE 202005015790 U 20051007; DE 502006002365 T 20060930; ES 06020661 T 20060930