

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 B1 20081217 (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)

Cited by

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

Designated contracting state (EPC)

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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

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