

Title (en)

DEVICE FOR THE DETECTION OF UNDULY HEATED PARTS OF A RUNNING RAILROAD CAR

Publication

EP 0041178 B1 19840801 (DE)

Application

EP 81103824 A 19810519

Priority

DE 3020331 A 19800529

Abstract (en)

[origin: EP0041178A1] 1. Detection device for spotting overheated components at the wheel frame of a moving railroad car comprising detector means integrated in a stationary manner in the rail for sensing infrared radiation, a subsequent analyzing electronic circuitry including rail switch means mounted at the rail to activate said detector means and said circuitry at the time a wheel passes by, said circuitry containing threshold value switches for detecting an in-admissible high bearing temperature and threshold value switches for detecting an inadmissible high temperature of the wheel rim and of the brake lining, characterized in that for detecting the bearing temperature and the wheel rim temperature the device comprises two separate detector means (6; 7) with associated optical means which are constructively combined in a common housing (8) and that for the said separate detector means (6; 7) only one rail switch means is provided.

IPC 1-7

B61K 9/06

IPC 8 full level

B61K 9/00 (2006.01); **B61K 9/06** (2006.01)

CPC (source: EP)

B61K 9/06 (2013.01)

Cited by

EP0265538A1; DE4207493A1; DE4217681C3; EP0949134A1; US5448072A; CN105172837A; EP0604389A1; EP2459430A4; EP0263217A1; US9073559B2; WO9300578A1

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EP 0041178 A1 19811209; EP 0041178 B1 19840801; AU 7092781 A 19811203; BR 8103337 A 19820216; CA 1197300 A 19851126; DE 3020331 A1 19811217; JP S5722960 A 19820206

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EP 81103824 A 19810519; AU 7092781 A 19810521; BR 8103337 A 19810528; CA 378509 A 19810528; DE 3020331 A 19800529; JP 8020781 A 19810528