

Title (en)

Device for measuring of condition data of a rolling wheelset of a railbound vehicle

Title (de)

Vorrichtung zur Messung von Zustandsdaten an einem rollenden Radsatz eines schienengebundenen Fahrzeugs

Title (fr)

Dispositif pour mesurer des données d'état d'un train de roues d'un véhicule roulant sur rails

Publication

EP 1614602 A1 20060111 (DE)

Application

EP 05014004 A 20050629

Priority

DE 102004033432 A 20040710

Abstract (en)

Apparatus for measuring condition data for a rolling wheel set (14) of a railway rolling stock comprises at least one, preferably at least 2, contactless distance sensor (3) for determining the wheel flange height (Sn) vertical to the under the passing wheel flange (5) next to the rail (4). The obtained distance value (Sx) is supplied to an analysing device (4) which determines the wear (Sa) of the wheel running surfaces (5) of the average wheel diameter (DL).

IPC 8 full level

B61K 9/12 (2006.01); **B61K 9/08** (2006.01)

CPC (source: EP)

B61K 9/08 (2013.01); **B61K 9/12** (2013.01)

Citation (applicant)

- EP 1198377 B1 20030528 - AEA TECHNOLOGY PLC [GB]
- DE 1194892 B 19650616 - SIEMENS AG

Citation (search report)

- [XA] DE 10101601 A1 20020801 - KNORR BREMSE SYSTEME [DE]
- [XA] US 5577690 A 19961126 - HADDOX MARK L [US]
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