

Title (en)

Contactless axle counter for road traffic

Title (de)

Berührungsloses Achszählsystem für den Strassenverkehr

Title (fr)

Compteur d'essieux sans contact pour traffic routier

Publication

**EP 1480182 B1 20070606 (DE)**

Application

**EP 04450111 A 20040519**

Priority

AT 7772003 A 20030520

Abstract (en)

[origin: EP1480182A2] Contactless axle counting system for road transport has at least a measurement arrangement (1) for measuring changes in environmental parameters such as sound, temperature or vibrations caused by the tires of a vehicle passing near the measurement area. The measurement arrangement is placed at or near the contact point of the vehicle tires on the road surface. The measurement arrangement can be positioned above the road surface, e.g. in an existing bridge or overhead gantry. Suitable measurement arrangements can be based on laser-vibrometers or directional microphone systems.

IPC 8 full level

**G08G 1/01** (2006.01); **G08G 1/04** (2006.01)

CPC (source: EP)

**G08G 1/01** (2013.01); **G08G 1/04** (2013.01)

Cited by

DE102006054981B3; DE102014012285A1; WO2022058578A3; DE102022102006A1; DE102022102006B4

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1480182 A2 20041124; EP 1480182 A3 20060118; EP 1480182 B1 20070606**; AT 412595 B 20050425; AT A7772003 A 20040915; AT E364213 T1 20070615; DE 502004004010 D1 20070719

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