

Title (en)

Method for increasing the signal/noise ratio of axle counters systems

Title (de)

Verfahren zur Erhöhung des Störabstands bei Zählpunkten eines Achszählsystems

Title (fr)

Méthode pour la augmentation du rapport signal/bruit par les systèmes de compteurs d'essieux

Publication

**EP 1468891 B1 20050608 (DE)**

Application

**EP 03360046 A 20030414**

Priority

EP 03360046 A 20030414

Abstract (en)

[origin: EP1468891A1] The method involves generating an artificially noise-affected signal from a transmission signal at the transmitter end for at least one rail contact of a counting point and converting the noise-affected signal into the original signal at the receiver end for further processing. A noise-affected magnetic field is generated at the transmitter end, from which the original transmission signal is derived at the receiver end. Independent claims are also included for the following: (a) a counting point for an axle counting system (b) and an axle counting system.

IPC 1-7

**B61L 1/16**

IPC 8 full level

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CPC (source: EP)

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Cited by

US7530534B2; CN105966420A; CN105869386A; EP4144612A1; CN105946899A; CN115923869A; WO2009098101A1

Designated contracting state (EPC)

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