

Title (en)

Error detection method for multi-section axle counting

Title (de)

Verfahren zum Erkennen einer Fehlmeldung bei einer abschnittweisen Achszählung

Title (fr)

Procédé pour la détection d'erreurs pour compteurs d'essieux à sections multiples

Publication

EP 0753444 B1 19990414 (DE)

Application

EP 96250151 A 19960710

Priority

DE 19526816 A 19950712

Abstract (en)

[origin: EP0753444A1] The method involves determining the transition times of the vehicle (FZ) axles between the counter devices from the times of signal generation of the individual counter devices. An average speed is determined from the transition times of at least two axles between the counter devices (k1,k2) bounding a first section (A12) in the direction of travel and the distance between the counter devices. The maximum speed or minimum transition time between the counter devices in the next section (A23) is derived from the average speed and a maximum acceleration value. A fault is signalled if the maximum speed is exceeded or if the transition time is less than the minimum time.

IPC 1-7

B61L 1/16; **B61L 17/00**

IPC 8 full level

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CPC (source: EP)

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Cited by

DE102011079419A1; DE19736711C1; EP2718163B1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0753444 A1 19970115; **EP 0753444 B1 19990414**; AT E178848 T1 19990415; DE 19526816 A1 19970116; DE 19526816 C2 19980409; DE 59601644 D1 19990520

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