

Title (en)

Method of clear track signalling by means of axle counting

Title (de)

Verfahren zur Gleisfreimeldung mittels Achszaehlung

Title (fr)

Procédé de signalisation de voie libre au moyen d'un compteur d'essieux

Publication

EP 1101684 B1 20050119 (DE)

Application

EP 00250374 A 20001110

Priority

DE 19957258 A 19991119

Abstract (en)

[origin: EP1101684A1] The track occupation signalling method uses axle counting of a passing train via relatively spaced trackside sensors detecting each train wheel, with the sensor signals evaluated via a processors (VV1,VV2,A1,A3). A track occupation signal is provided for a track section (2) ahead of the train upon detection of the first wheel axle and the passing wheel axles are counted, to provide the track free indication for the preceding track section (1) and to provide a comparison count value for the subsequent track free indication of the following track section.

IPC 1-7

B61L 21/06; **B61L 1/16**

IPC 8 full level

B61L 1/16 (2006.01); **B61L 21/06** (2006.01)

CPC (source: EP)

B61L 1/168 (2013.01); **B61L 21/06** (2013.01)

Cited by

EP2218624A3; EP1498336A1; EP1378418A1; CN113665625A; US8540192B2; US8005585B2; WO2010006926A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1101684 A1 20010523; **EP 1101684 B1 20050119**; AT E287355 T1 20050215; DE 19957258 A1 20010613; DE 19957258 C2 20010920; DE 50009271 D1 20050224; DK 1101684 T3 20050530; ES 2234518 T3 20050701; PT 1101684 E 20050429

DOCDB simple family (application)

EP 00250374 A 20001110; AT 00250374 T 20001110; DE 19957258 A 19991119; DE 50009271 T 20001110; DK 00250374 T 20001110; ES 00250374 T 20001110; PT 00250374 T 20001110