Title (en)
Method and counting unit for determining the occupation of a track section

Title (de)
Verfahren und Zählpunkt zur Ermittlung des Belegungszustandes eines Gleisabschnittes

Title (fr)
Procédé et point de comptage pour la détection d'une occupation de la voie

Publication
EP 1498336 B1 20050907 (DE)

Application
EP 03291782 A 20030718

Priority
EP 03291782 A 20030718

Abstract (en)
[origin: EP1498336A1] The method is esp. for use after restarting of an axle counting system (AZS), The track has incoming axle counting point (ZP1) and outgoing axle counting point (ZP2) at beginning and end. Occupational condition is calculated by comparing the actual counted values (AKT1,AKT2). After the track section (A1) has been cleared, the actual counted values are stored. The stored values (EIN1,AUS2) and the actual counted values at this moment, are used to calculate the next level of occupation. This process defines a value corresponding to the differential between the stored values and the actual values, and the track is declared free only if this value is at zero.

IPC 1-7
B61L 1/16

IPC 8 full level
B61L 1/16 (2006.01)

CPC (source: EP US)
B61L 1/161 (2013.01 - EP US); **B61L 1/162** (2013.01 - EP US)

Cited by
EP3378724A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1498336 A1 20050119; **EP 1498336 B1 20050907**; AT E303927 T1 20050915; CA 2472637 A1 20050118; CA 2472637 C 20151124; DE 50301156 D1 20051013; US 2005015185 A1 20050120; US 8005585 B2 20110823

DOCDB simple family (application)
EP 03291782 A 20030718; AT 03291782 T 20030718; CA 2472637 A 20040628; DE 50301156 T 20030718; US 88558804 A 20040708