

Title (en)
METHOD AND DEVICE FOR INCREASING THE AVAILABILITY OF AN INSTALLATION FOR DETECTING THE OCCUPANCY OF A TRACK

Title (de)
VERFAHREN UND VORRICHTUNG ZUR ERHÖHUNG DER VERFÜGBARKEIT EINER GLEISFREIMELDEANLAGE

Title (fr)
PROCÉDÉ ET DISPOSITIF POUR AUGMENTER LA DISPONIBILITÉ D'UNE INSTALLATION DE DÉTECTION DE L'OCCUPATION D'UNE VOIE

Publication
EP 3052369 C0 20230607 (DE)

Application
EP 14793547 A 20141104

Priority
• DE 102013224346 A 20131128
• EP 2014073672 W 20141104

Abstract (en)
[origin: WO2015078667A1] The invention relates to a method for increasing the availability of a track vacancy detection system, which is connected to a railway control center (8), track vacancy detection sections being formed between axle counting points. The invention also relates to a device for the method. The aim of the invention is to allow better repair planning and the continued use of an available railway control center interface. This is achieved in that axle counting point pairs (2a/2b and 3a/3b) are arranged such that first and second track vacancy detection sections (1a and 1b) are formed which have the conditions of vacant, occupied, defective, or failure that are ORed in a third virtual track vacancy detection section, and the third track vacancy detection section transmits its state to the railway control center (8).

IPC 8 full level
B61L 1/16 (2006.01)

CPC (source: EP)
B61L 1/162 (2013.01); **B61L 1/169** (2013.01)

Cited by
CN113460117A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Participating member state (EPC – UP)
AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)
DE 102013224346 A1 20150528; EP 3052369 A1 20160810; EP 3052369 B1 20230607; EP 3052369 C0 20230607; ES 2953389 T3 20231110; WO 2015078667 A1 20150604

DOCDB simple family (application)
DE 102013224346 A 20131128; EP 14793547 A 20141104; EP 2014073672 W 20141104; ES 14793547 T 20141104