

Title (en)

Determination of the loading gauge of rail vehicles

Title (de)

Bestimmung des Lademasses von Schienenfahrzeugen

Title (fr)

Détermination du gabarit de chargement des véhicules ferroviaires

Publication

EP 1616772 B1 20090805 (DE)

Application

EP 05450097 A 20050601

Priority

AT 10842004 A 20040624

Abstract (en)

[origin: EP1616772A1] Height coordinates (h) are divided into sections (H1-H7, h1). A profile function (x e) is determined for each section and allocated to it. This function has a profile depth value nowhere in the relevant section, which in respect of the associated allocated height value, lies within the three-dimensional profile measurement. From the profile functions so obtained, a loading weight is prepared in the form of a profile (pf). This describes a functional relationship between the height coordinates and an ultimate profile depth value. An independent claim is included for a corresponding computer program product.

IPC 8 full level

B61K 9/02 (2006.01); **G01B 11/02** (2006.01)

CPC (source: EP)

B61K 9/02 (2013.01)

Cited by

CN111954791A; CN113959337A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1616772 A1 20060118; EP 1616772 B1 20090805; AT 414168 B 20060915; AT A10842004 A 20051215; AT E438546 T1 20090815; DE 502005007828 D1 20090917

DOCDB simple family (application)

EP 05450097 A 20050601; AT 05450097 T 20050601; AT 10842004 A 20040624; DE 502005007828 T 20050601