

Title (en)

METHOD, WAYSIDE EQUIPMENT MODULE AND SUBSYSTEM FOR A TRAIN CONTROL SYSTEM

Title (de)

VERFAHREN, STRECKENSEITIGE ÜBERTRAGUNGSEINRICHTUNG UND SUBSYSTEM FÜR EIN ZUGBEEINFLUSSUNGSSYSTEM

Title (fr)

PROCÉDÉ, DISPOSITIF DE TRANSMISSION AU SOL ET SOUS-SYSTÈME POUR UN SYSTÈME DE COMMANDE DE TRAIN

Publication

**EP 3681779 B1 20231004 (DE)**

Application

**EP 18800491 A 20181023**

Priority

- EP 2018078948 W 20181023
- DE 102017220080 A 20171110

Abstract (en)

[origin: WO2019091772A1] The invention relates to a method for a train control system (4), wherein a vehicle-side transmission device (12; 17), by means of modulation, forms a modulated activation signal (36; 56) from an activation signal (34; 54) and an information signal (35; 55) and transmits said modulated activation signal to a track-side transmission device (16; 19) via a transmission channel (38; 58). For improved monitoring of the position of track-guided vehicles, in particular rail vehicles, on a track section, according to the invention the track-side transmission device (16; 19) determines the information signal (35; 55) by demodulating the modulated activation signal (36; 56). The invention further relates to a track-side transmission device and to a subsystem for a train control system.

IPC 8 full level

**B61L 3/12** (2006.01); **B61L 27/00** (2022.01)

CPC (source: EP)

**B61L 3/121** (2013.01); **B61L 3/125** (2013.01); **B61L 15/0027** (2013.01); **B61L 25/025** (2013.01); **B61L 27/40** (2022.01); **B61L 2027/202** (2022.01)

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

DOCDB simple family (publication)

**WO 2019091772 A1 20190516**; DE 102017220080 A1 20190516; EP 3681779 A1 20200722; EP 3681779 B1 20231004; EP 3681779 C0 20231004; ES 2966953 T3 20240425

DOCDB simple family (application)

**EP 2018078948 W 20181023**; DE 102017220080 A 20171110; EP 18800491 A 20181023; ES 18800491 T 20181023