

Title (en)

Process for determining the distance between a beacon and a distant warning signal

Title (de)

Verfahren zur Abstandsbestimmung einer Balise von einem Vorsignal

Title (fr)

Processus pour déterminer la distance entre une balise et un signal de préannonce

Publication

EP 1591335 B1 20060614 (DE)

Application

EP 04360045 A 20040430

Priority

EP 04360045 A 20040430

Abstract (en)

[origin: EP1591335A1] The method involves determining the distance (d) of a distant signal beacon (8) or group of beacons in front of a distant signal (7) of a railway system, whereby the beacon or group of beacons transmits information relating to the distant signal to a passing train (6). It involves selecting a time constant and determining the distance as a product of the time constant and a speed value. An independent claim is also included for a railway system for with at least one distant signal and at least one associated main signal and with beacon groups that communicate with a train.

IPC 8 full level

B61L 3/12 (2006.01); **B61L 21/06** (2006.01)

CPC (source: EP)

B61L 3/121 (2013.01); **B61L 2027/202** (2022.01)

Cited by

EP1867546A1; DE102013226718A1; DE102013226728A1; US2015291188A1; DE102007022837A1; US9621391B2; US11945480B2; WO2015043431A1; WO2021116912A1

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 PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1591335 A1 20051102; EP 1591335 B1 20060614; AT E329810 T1 20060715; CN 1693127 A 20051109; DE 502004000771 D1 20060727

DOCDB simple family (application)

EP 04360045 A 20040430; AT 04360045 T 20040430; CN 200510068997 A 20050430; DE 502004000771 T 20040430