

Title (en)
Train location system

Title (de)
Zugortungssystem

Title (fr)
Système de localisation de train

Publication
EP 2386459 A2 20111116 (EN)

Application
EP 11165192 A 20110506

Priority
GB 201007659 A 20100507

Abstract (en)
Train location apparatus comprises: means for providing information relating to the state of points within the railway region; dynamic map creation means for creating a dynamic map of a railway region using said points information; GNSS means for determining the location of the train from a GNSS system; and processing means for combining the dynamic map and the GNSS location to determine the location of the train.

IPC 8 full level
B61L 25/02 (2006.01); **B61L 25/06** (2006.01)

CPC (source: EP GB)
B61L 25/025 (2013.01 - EP GB); **B61L 25/06** (2013.01 - EP GB); **B61L 2205/04** (2013.01 - EP)

Citation (applicant)
• EP 0407875 A2 19910116 - IVV INGENIEURGESELLSCHAFT FUER [DE]
• GB 1532638 A 19781115 - GEN SIGNAL CORP
• US 2003236598 A1 20031225 - VILLARREAL ANTELO MARCO ANTONI [US], et al
• WO 2006136783 A1 20061228 - GROENEWALD COENRAAD JACOBUS [GB]
• JP 2005247024 A 20050915 - DENSO CORP

Cited by
US2022326395A1; US12044784B2

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2386459 A2 20111116; **EP 2386459 A3 20130102**; **EP 2386459 B1 20140709**; GB 201007659 D0 20100623; GB 2480102 A 20111109; PT 2386459 E 20140908

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EP 11165192 A 20110506; GB 201007659 A 20100507; PT 11165192 T 20110506