



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
02.01.2013 Bulletin 2013/01

(51) Int Cl.:
B61L 25/02 (2006.01) B61L 25/06 (2006.01)

(43) Date of publication A2:
16.11.2011 Bulletin 2011/46

(21) Application number: **11165192.3**

(22) Date of filing: **06.05.2011**

(84) Designated Contracting States:
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 States:
BA ME

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(30) Priority: **07.05.2010 GB 201007659**

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(54) **Train location system**

(57) 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.

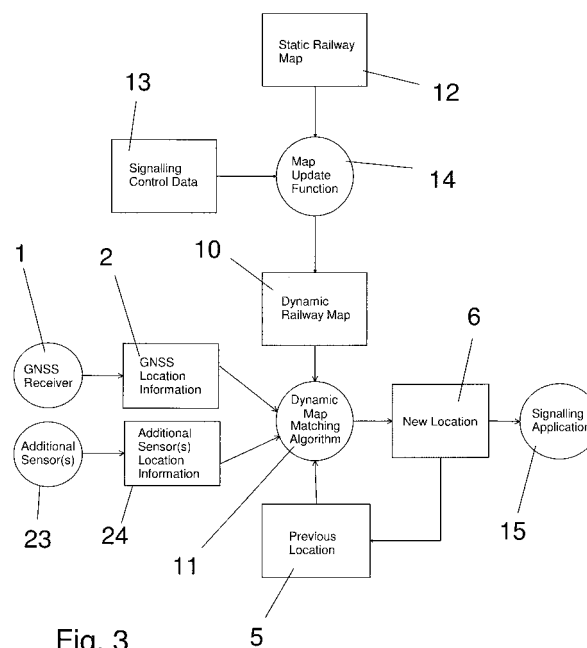


Fig. 3



EUROPEAN SEARCH REPORT

Application Number
EP 11 16 5192

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
			B61L
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 22 November 2012	Examiner Janhsen, Axel
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 11 16 5192

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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