

Title (en)
Device for determining the position of a railborne vehicle

Title (de)
Einrichtung zur Eigenortung eines Eisenbahnfahrzeugs

Title (fr)
Dispositif de détermination de position d'un véhicule guidé sur rails

Publication
EP 0816201 B1 20030521 (DE)

Application
EP 97250203 A 19970704

Priority
DE 19628513 A 19960705

Abstract (en)
[origin: EP0816201A1] The device uses a cable laid along at least a region of a section of track with electrical marker points (M) coupled to at least one transmitter and/or receiver antenna in the train (F). The marker points at coarse i.e. approx. location points (GO) outside the range of influence of any rail connectors (SV) have a substantially different distance pattern compared to outside the coarse location positions. The different pattern uses closer or wider marker spacings than usual. The train determines its general position from the detection of a coarse location position. Following this crossing position signals triggered when subsequent marker positions are passed are associated with positions.

IPC 1-7
B61L 25/02

IPC 8 full level
B61L 25/02 (2006.01)

CPC (source: EP)
B61L 25/025 (2013.01); **B61L 25/026** (2013.01)

Cited by
EP1277186A4; US9802507B2; US9771000B2; US10112777B2

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DOCDB simple family (publication)
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