

Title (en)  
METHOD, DEVICE, AND TRACK-BOUND VEHICLE, IN PARTICULAR RAIL VEHICLE, FOR A TRACK-BASED IMAGE ANALYSIS IN TRACK-BOUND TRAFFIC, IN PARTICULAR FOR A RAIL-BASED IMAGE ANALYSIS IN RAIL TRAFFIC

Title (de)  
VERFAHREN, VORRICHTUNG UND BAHNFahrzeug, INSBESONDERE SCHIENENFahrzeug, ZUR FAHRSPURBASIERTE BILDANALYSE IM BAHNVERKEHR, INSBESONDERE ZUR GLEISBASIERTE BILDANALYSE IM SCHIENENVERKEHR

Title (fr)  
PROCÉDÉ, DISPOSITIF ET VÉHICULE SUR VOIE, NOTAMMENT VÉHICULE FERROVIAIRE, POUR L'ANALYSE D'IMAGE BASÉE SUR LA VOIE DE CIRCULATION EN TRAFIC SUR VOIE, NOTAMMENT POUR L'ANALYSE D'IMAGE BASÉE SUR LE RAIL EN TRAFIC FERROVIAIRE

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Application  
**EP 17829135 A 20171207**

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Abstract (en)  
[origin: WO2018104462A1] The aim of the invention is to improve the automatic (autonomous) or supported travel of track-bound vehicles (BFZ) or rail vehicles (SFZ) without additional infrastructure along a route. This is achieved in that on the basis of multiple images (BIFSB, BIGLB) that represent a track/rail region (FSB, GLB) in an image region (BIB), which is produced in each image and in which captured tracks/rails (FS, GL) lie substantially in the same location relative to the graphically displayed track/rail region (FSB, GLB), the course of a track/rail (FS, GL) used by the rail vehicle through a track/rail image section which changes in the captured image relative to the total captured image is detected on the basis of the sections of the captured tracks/rails in the image region (BIB) using edge detection algorithms and is compared with stored known meta-information (MI), wherein the meta-information contains both track-related or rail-related primary metadata as well as track route-related or rail route-related secondary metadata.

IPC 8 full level  
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CPC (source: EP RU)  
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Citation (search report)  
See references of WO 2018104462A1

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Designated extension state (EPC)  
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DOCDB simple family (application)  
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