

Title (en)

METHOD AND DEVICE FOR MONITORING AT LEAST ONE TRAVEL PATH COMPONENT LAID IN RAIL CONSTRUCTION

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ÜBERWACHUNG ZUMINDEST EINER IM BAHNBAU VERLEGTE FÄHRWEGKOMPONENTE

Title (fr)

PROCÉDÉ ET DISPOSITIF DE SURVEILLANCE D'AU MOINS UN COMPOSANT DE VOIE POSÉ DANS LA CONSTRUCTION DE CHEMIN DE FER

Publication

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Application

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Abstract (en)

[origin: WO2017197423A1] The invention relates to a method for monitoring the state of at least one travel path component laid in rail construction, in particular a rail switch, in a continuous manner in particular using at least one sensor arranged on the travel path component. Data is detected by the sensor while a rail vehicle is rolling over the travel path component and additionally before and/or after the rail vehicle rolls over the travel path component, and the data is segmented. The state of the travel path component is ascertained from the detected and segmented data. The invention further relates to a device for monitoring the state of at least one travel path component laid in rail construction, such as a rail switch, in a continuous manner in particular, comprising at least one sensor which is arranged on the travel path component. A signal processing system is provided in order to evaluate data detected by the sensor directly on the travel path component. The invention further relates to the use of such a device.

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