

Title (en)  
DEVICE FOR THE LOCALISATION OF A TRAIN

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Application  
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Priority  
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Abstract (en)  
[origin: US4508298A] The invention has as its goal a device for extremely precise localization of a train circulating on a railway, and necessitating no complex circuit on the ground. According to the invention, the apparatus comprises, on board the train and in front of its first axle, at least one tuned emitter fixed at an electromagnetic radio frequency, and a receiver provided with two detectors. On the ground, a passive loop tuned to the frequency used, is disposed between the two rails of the track, with the detectors and emitter being disposed in such a manner that there is not direct induction between them.

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