

Title (en)

DEVICE FOR CONTINUOUSLY MEASURING THE POSITION OF A MOVING RAIL VEHICLE

Title (de)

EINRICHTUNG ZUM KONTINUIERLICHEN MESSEN DER JEWEILIGEN POSITION EINES IN BEWEGUNG BEFINDLICHEN SCHIENENFAHRZEUGS

Title (fr)

DISPOSITIF POUR MESURER EN CONTINU LA POSITION D'UN VEHICULE SUR RAILS SE TROUVANT EN MOUVEMENT

Publication

**EP 0826135 A1 19980304 (DE)**

Application

**EP 97904398 A 19970210**

Priority

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- EP 9700580 W 19970210

Abstract (en)

[origin: DE19609036A1] The invention relates to a device for continuously measuring the position of a rail vehicle moving along a rail track, using a measurement section lying parallel to the rail track. On the measurement section, the position of each rail vehicle is measured and fed into a computer which controls the drive means of loading/unloading devices. In this arrangement, switching elements (1) are distributed along the length of the measurement section and are each provided with a mechanical sensor and arranged in the vicinity of a rail (4) of the rail track in such a way that the sensors are touched by the wheels (3) of the rail vehicle passing through the measurement section; and a conducting rail (12) extending along the entire length of the measurement section is provided next to one of the rails (4) on the wheel flange side of the wheel (3) passing over it and at a distance (A) from the head of the rail (4) of between 30 and 50 mm.

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**G01B 7/00**; **G01B 7/15**

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CPC (source: EP US)

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