

Title (en)

DEVICE FOR DETECTING OBSTACLES FOR RAIL VEHICLES

Title (de)

VORRICHTUNG ZUR HINDERNISERKENNUNG BEI SCHIENENFAHRZEUGEN

Title (fr)

DISPOSITIF DE DÉTECTION D'OBSTACLES DE VÉHICULES FERROVIAIRES

Publication

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Application

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Abstract (en)

[origin: WO2015135752A1] The invention relates to a device for detecting obstacles for a rail vehicle (1), comprising a pilot bar (6), which is retained on the bogie frame (5) of the rail vehicle (1) in front of the wheelset (11) which is first in the direction of travel by means of a mounting retainer (7), wherein the mounting retainer (7) is formed by vertically arranged spring elements, in particular leaf springs (8), wherein each leaf spring (8) is fastened at an upper end (9) to the bogie frame (5) and at a lower end (10) to the pilot bar (6), wherein each leaf spring (8) has stress-strain converter (2), which is arranged between the upper end (9) and the lower end (10) on a broad surface (12) of a leaf spring (8), and wherein each stress-strain converter (2) is connected to an on-board evaluating unit (13) by means of a signal-conducting connection (13).

IPC 8 full level

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