

Title (en)

Automatic safe control system of vehicles mutual distance.

Title (de)

Einrichtung zum sicheren automatischen Steuern des gegenseitigen Abstandes von Fahrzeugen.

Title (fr)

Système de commande automatique sûre de la distance mutuelle de véhicules.

Publication

EP 0545026 B1 19950726 (DE)

Application

EP 92117051 A 19921006

Priority

CH 359791 A 19911206

Abstract (en)

[origin: EP0545026A1] In order to be able to automatically and safely control the distance between successive vehicles on the same railway track, means are provided which form a distance variable (Ud) corresponding to the distance between the vehicles. On the vehicles in each case a control device (18) is present which controls the speed as a function of this distance variable (Ud) in such a way that the speed is always lower, by a specific amount, than the acceptable speed determined by the distance variable (Ud). The speed of the vehicle is measured with two independent speed measuring devices (50, 52') and two mutually independent control units (48, 48') trigger emergency braking if the measured speed exceeds the distance variable (Ud). <IMAGE>

IPC 1-7

B61L 3/18

IPC 8 full level

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