

Title (en)

Method and device for generating a sensor signal

Title (de)

Verfahren und Vorrichtung zur Generierung eines Sensorsignales

Title (fr)

Méthode et dispositif pour générer un signal de capteur

Publication

EP 0860340 B1 20030205 (DE)

Application

EP 97121013 A 19971129

Priority

DE 19707175 A 19970222

Abstract (en)

[origin: EP0860340A1] The system has a sensor packet $\ddot{A}1\ddot{U}$, an observer module $\ddot{A}2.3\ddot{U}$ and an actuator system that applies corrections to the vehicle. The sensor system determines the roll angular velocity $\ddot{A}6\ddot{U}$, the yaw angular velocity $\ddot{A}7\ddot{U}$ and the transverse acceleration $\ddot{A}8\ddot{U}$. The forward velocity $\ddot{A}9\ddot{U}$ is also determined. When the train goes around a bend the sensor signals are used to control the motion dynamics of the carriages.

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IPC 8 full level

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CPC (source: EP US)

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Cited by

FR2794707A1; AU760480B2; US6484074B1; WO0076827A1

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