

Title (en)
VEHICLE CELLULAR DATA TRANSMISSION

Title (de)
ZELLULARE FAHRZEUGSDATENÜBERTRAGUNG

Title (fr)
TRANSMISSION CELLULAIRE DE DONNEES RELATIVES A UN VEHICULE

Publication
EP 1312061 A2 20030521 (EN)

Application
EP 00958805 A 20000906

Priority

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Abstract (en)
[origin: WO0118766A2] A road vehicle speed restriction violation system comprises a base station having a data processing unit addressing data transmitted to a local cellular telephone receiver by a transmitter carried by the road vehicle, the transmitter in use transmitting GPS geographical location information to the receiver together with vehicle identity and vehicle velocity at its location. The transmitter has active and silent states and is triggered to an active state by the transmitter actuator receiving from the velocity gauge a velocity signal indicating a velocity above or equal to a threshold velocity calibrated into the transmitter actuator. The transmitter actuator can be recalibrated to other thresholds normally corresponding to a speed limit restricted by regulation. For this purpose, a cellular transceiver array broadcasts a command signal on a control channel and the vehicle includes a selector, which receives such command signal. The command signal broadcast by the array informs the selector of the value of the lowest speed restriction in the cell addressed by the array. In response, the selector calibrates the transmitter actuator to the value so that it is operable to actuate the transmitter in response to a velocity signal from the velocity gauge which exceeds the calibrated value. In the absence of a command signal, the selector calibrates the actuator to the highest value speed restriction for the vehicle.

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IPC 8 full level
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