

Title (en)  
PROCESS AND DEVICE FOR OBTAINING TRAFFIC SITUATION DATA

Title (de)  
VERFAHREN UND EINRICHTUNG ZUR ERFASSUNG VON DATEN ÜBER DIE VERKEHRSLAGE

Title (fr)  
PROCEDE ET DISPOSITIF POUR L'OBTENTION DE DONNEES RELATIVES A UNE SITUATION DE TRAFIC

Publication  
**EP 0879460 B1 19991222 (DE)**

Application  
**EP 97914127 A 19970129**

Priority  
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Abstract (en)  
[origin: WO9729471A1] The invention relates to a process for obtaining data on the traffic situation in a road system in which individual messages on the current traffic situation in the vehicle's surroundings found by means of the sensor data at time intervals via the data processing equipment in the vehicle concerned are wirelessly transmitted to a centre from a plurality of vehicles involved in road traffic ("floating cars") and fitted with sensory analysis equipment to detect traffic-relevant sensor data comprising at least a variable (speed variable) representing the current speed  $v(t)$  of the vehicle concerned. As well as a classifying interpretation of the traffic situation made by means of the speeds detected, including at least the class "traffic-caused difficulty" (tailback), a component of the individual messages is also a confidence factor  $F$  representing a measure of the variations in the speed graph, especially the vehicle speed  $v(t)$ , for the time to which the individual message refers.

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IPC 8 full level  
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Cited by  
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