

Title (en)

METHOD, SYSTEM AND DEVICES FOR COLLECTING TRAFFIC DATA

Title (de)

VERFAHREN, SYSTEM UND VORRICHTUNGEN ZUR SAMMLUNG VON VERKEHRSDATEN

Title (fr)

PROCEDE, SYSTEME ET DISPOSITIFS DE COLLECTE DE DONNEES DE TRAFIC

Publication

EP 1012809 A1 20000628 (DE)

Application

EP 97909109 A 19971105

Priority

CH 9700420 W 19971105

Abstract (en)

[origin: WO9924952A1] The invention concerns a method and a system for collecting data concerning traffic on a road network via a telecommunication system, which consists in determining the real positions of the vehicles by a plurality thereof and, in particular, via a mobile radio network (4) in conformity with the GSM standard, by means of short messages (3) transmitted to a traffic data central unit (5) comprising a short message service centre (50) capable of operating special services (51, 52). A special service (51) of the short message service centre (50) processes the received positions and computes the average speeds for predetermined road sections, which are stored in a data bank, in the form of individual time series for the respective corresponding predetermined road sections. Another special service (52) of the short message service centre (50) evaluates the time series of the average speeds for the predetermined road sections, taking into account the traffic jams and supplies to clients corresponding data concerning bottlenecks in the traffic.

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G08G 1/0967

IPC 8 full level

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CPC (source: EP)

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