

Title (en)

System for monitoring and controlling the average speed of vehicles in transit, and surveying of traffic on roads and motorways

Title (de)

System zur Überwachung und Steuerung der Durchschnittsgeschwindigkeit von sich bewegendenden Fahrzeugen und zur Untersuchung des Verkehrs auf Strassen und Autobahnen

Title (fr)

Système de surveillance et commande de la vitesse moyenne des véhicules en passage, et de l'inspection du trafic sur des routes et des autoroutes

Publication

EP 1276086 B1 20041222 (EN)

Application

EP 02425438 A 20020702

Priority

IT FI20010130 A 20010710

Abstract (en)

[origin: EP1276086A1] The system includes: in each of a number of local detection stations along the stretch of road under control: at least one infrared illuminator or equivalent (11), suitable for illuminating the rear three-quarters or rear of vehicles in transit; at least one telecamera (13) and optional directional microphone, for capturing the rear three-quarters or rear-view image of vehicles in transit and the relative sounds; a computer equipped with an electronic interface (15) suitable for receiving, processing and transmitting the signals of the telecamera and the microphones and temporarily storing images and noises (sounds) of the vehicles in transit, and performing the recognition and calculation of the average speed maintained along the stretch of road between two neighbouring stations; a chronometric and synchronization device; a transceiver system (17) for sending and receiving data to/from the successive local station as well as sending to a remote station (5) only the photograms relative to vehicles that have exceeded the speed limit between the two neighbouring local stations. The remote station (5) includes: a transceiver system for dialoguing with the various local stations; one or more computers (51) suitable for receiving and printing the photograms that arrive from the local stations, relative only to those vehicles that have exceeded the speed limits; an operator is thus able to visually compare the data of offending vehicles, photographed repeatedly, and read the number plates, whatever their type or shape . <IMAGE>

IPC 1-7

G08G 1/052; **G08G 1/054**; **G08G 1/017**; **G08G 1/04**

IPC 8 full level

G08G 1/017 (2006.01); **G08G 1/054** (2006.01)

CPC (source: EP)

G08G 1/0175 (2013.01); **G08G 1/054** (2013.01)

Cited by

WO2013190202A1; CN110400464A; EP1744292A3; FR2875324A1; EP1870868A1; EA016732B1; US2022101018A1; US8301363B2; US8189048B2; US8388709B2; FR2992088A1; EP3460776A1; WO2008041210A1; WO2009074436A1; WO2022073019A1; WO2022073017A1

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