

Title (en)

An apparatus and method operative for providing traffic information on a traffic area

Title (de)

Betriebsvorrichtung und -verfahren zur Bereitstellung von Verkehrsinformationen in einem Verkehrsbereich

Title (fr)

Appareil et procédé opératif pour fournir des informations de trafic sur une zone de trafic

Publication

EP 2287820 A1 20110223 (EN)

Application

EP 09009831 A 20090729

Priority

EP 09009831 A 20090729

Abstract (en)

An apparatus (100) operative for providing traffic information on a traffic area, comprising a locator (110) for determining a plurality of locations of a plurality of mobile devices in a cellular network (115) and a selector (120) for selecting a subgroup of the plurality of mobile devices based on the locations of the mobile devices, when the mobile devices are located in the traffic area and for not selecting mobile devices which are located outside the traffic area. The apparatus (100) further comprises a velocity calculator (130) for calculating a velocity of mobile devices of the subgroup and for generating data on a velocity of a traffic flow in the traffic area using the velocities of the mobile devices in the subgroup and wherein mobile devices not selected for the subgroup are not used for generating the data, wherein the velocity calculator (130) is adapted for calculating at least two velocities of each mobile device in the subgroup within a cell of the cellular network (115). The apparatus (100) further comprises an output interface (140) for outputting the traffic information, which is based on the data on the velocity of the traffic flow.

IPC 8 full level

G08G 1/01 (2006.01)

CPC (source: EP)

G08G 1/0104 (2013.01)

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Designated contracting state (EPC)

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Designated extension state (EPC)

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