Title (en)

METHOD AND SYSTEM FOR CENTRE- BASED, ANTICIPATED DISTURBANCE RECOGNITION BY DISTURBANCE FLANK DETECTION USING SECTION-RELATED TRAVEL TIME ESTIMATION

Title (de)

VERFAHREN UND SYSTEM ZUR ZENTRALENBASIERTEN, ZEITLICH VORAUSSCHAUENDEN STÖRUNGSERKENNUNG DURCH STÖRFLANKEN-DETEKTION MITTELS ABSCHNITTSBEZOGENER REISEZEITENSCHÄTZUNG

Title (fr)

PROCEDE ET SYSTEME POUR RECONNAITRE DES PERTURBATIONS PREVUES DANS LE TEMPS, COMPRENANT UNE CENTRALE, PAR DETECTION DE FLANCS DE BROUILLAGE AU MOYEN DE PREVISION DE TEMPS DE TRAJET DECOUPEE EN SECTIONS

Publication

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Application

EP 03782214 A 20031120

Priority

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Abstract (en)

[origin: WO2004059592A1] The invention relates to a method for centre-based, anticipated disturbance recognition by disturbance flank detection using section-related travel time estimation in a travel network by a number of test vehicles. According to the invention, a travel time and a maximum deviation from said travel time are provided. The distance between the stored travel time and the current travel time T1 of a test vehicle is monitored upon exit from a section at moment t1. If the maximum deviation is exceeded, a disturbance flank is detected and the travel time T1 is transmitted to the centre by the vehicle. Upon reception, the centre determines the progression of the expected travel time Tp(t) on the section, using the T1 and makes it available to the vehicles concerned. Tp (t) indicates the travel time required by a test vehicle from when it enters the section at moment t to travel through said section.

IPC 8 full level

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