

Title (en)

SPEED DETECTION METHOD IN COMMUNICATION SYSTEM, RECEIVER, NETWORK ELEMENT AND PROCESSOR

Title (de)

GESCHWINDIGKEITSDETEKTIONSVERFAHREN IN EINEM KOMMUNIKATIONSSYSTEM, EMPFÄNGER, NETZELEMENT UND PROZESSOR

Title (fr)

PROCEDE DE DETECTION DE VITESSE DANS UN SYSTEME DE COMMUNICATION, RECEPTEUR, ELEMENT DE RESEAU ET PROCESSEUR

Publication

**EP 1908195 A1 20080409 (EN)**

Application

**EP 06764547 A 20060703**

Priority

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- FI 20050713 A 20050704
- US 44876006 A 20060608

Abstract (en)

[origin: WO2007003715A1] A speed detection method in a communications system, a receiver, a network element, and a processor, the processor comprising, for example, means for determining a predetermined number of frequency estimates, means for determining an average of the frequency estimates for obtaining an averaged frequency offset (300), means for unbiasing received samples and/or impulse response values using the averaged frequency offset (300), means for calculating Doppler frequency estimates using the unbiased received samples and/or impulse response values (302) and means for calculating selected second order statistics of the Doppler frequency estimates over a predetermined period (304).

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

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