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
- FI 2006050309 W 20060703
- 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
H04B 17/00 (2006.01); **G01S 11/10** (2006.01)

CPC (source: EP KR)
G01S 11/10 (2013.01 - EP KR); **H04B 7/01** (2013.01 - EP); **H04B 17/00** (2013.01 - KR)

Citation (search report)
See references of WO 2007003715A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007003715 A1 20070111; EP 1908195 A1 20080409; KR 100952159 B1 20100409; KR 20080023267 A 20080312

DOCDB simple family (application)
FI 2006050309 W 20060703; EP 06764547 A 20060703; KR 20087002841 A 20060703