

Title (en)  
A COMMUNICATION SYSTEM, A COMMUNICATION TERMINAL AND A METHOD OF DETERMINING A LOCATION ESTIMATE THEREFOR

Title (de)  
KOMMUNIKATIONSSYSTEM, KOMMUNIKATIONSENDGERÄT UND VERFAHREN ZUR BESTIMMUNG EINER POSITIONSSCHÄTZUNG DAFÜR

Title (fr)  
SYSTEME DE TELECOMMUNICATION, TERMINAL DE TELECOMMUNICATION ET PROCEDE PERMETTANT DE DETERMINER UNE ESTIMATION DE POSITION POUR CE DERNIER

Publication  
**EP 1712095 A2 20061018 (EN)**

Application  
**EP 05726325 A 20050125**

Priority  
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• GB 0403118 A 20040128

Abstract (en)  
[origin: GB2410653A] A communication system (100) comprises a plurality of location enabled communication terminals (101, 103). The communication terminals (101, 103) comprise a GPS location processor (111) which generates a location estimate in response to signals received from satellite information data and a plurality of satellites (105). The communication terminals (101, 103) also comprise a transceiver (117, 119, 121) which can form ad-hoc communication links with other communication terminals (101, 103). An ad-hoc controller 123 controls the generation and transmission of a request for satellite information data to another communication terminal (101, 103). The transceiver (117, 119, 121) receives satellite information data from the other communication terminal (101, 103) and the location estimate is determined in response thereto. The ad-hoc controller (123) is furthermore operable to detect a request for satellite information data from another communication terminal (101, 103) and to transmit satellite information data over the ad-hoc communication link in response. Hence, satellite information data may be dynamically and opportunistically shared between communication terminals (101, 103), to assist a terminal in determining its position.

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