

Title (en)  
IMPROVED NAVIGATION DEVICE AND METHOD

Title (de)  
VERBESSERTE NAVIGATIONSEINRICHTUNG UND VERFAHREN

Title (fr)  
DISPOSITIF ET PROCÉDÉ DE NAVIGATION AMÉLIORÉS

Publication  
**EP 2223041 A1 20100901 (EN)**

Application  
**EP 07856973 A 20071220**

Priority  
EP 2007011250 W 20071220

Abstract (en)  
[origin: CA2709740A1] A method of operating a portable navigation device (PND) or navigation system having a digital camera associated therewith and controlled thereby is described. An appropriately enabled PND or navigation system is also covered. The invention includes capturing digital image data, and is characterized by performing a pattern recognition technique on said captured digital image data to determine whether the image contains one or more recognizable pre-defined features, and further characterized by the storage of at least some information including an indication of the feature identified for which the pattern recognition technique was successful together with geospatial location data identifying the approximate position of at least one of: the location of the device at the instant when the digital image was captured or within a predetermined time threshold of that instant, a calculated predicted location of the device at the instant the digital image was captured, said prediction being based on an earlier stored device position information, and a calculated approximation of the location of the feature identified in the captured digital image.

IPC 8 full level  
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CPC (source: EP US)  
**G01C 21/3848** (2020.08 - EP US)

Citation (search report)  
See references of WO 2009080070A1

Cited by  
US8952983B2; US9317133B2

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