

Title (en)
Method and device for real time ground reconnaissance

Title (de)
Verfahren und Vorrichtung zur Echtzeit-Geländeaufklärung

Title (fr)
Procédé et dispositif pour la reconnaissance du terrain en temps réel

Publication
EP 1391681 B1 20061011 (DE)

Application
EP 03018450 A 20030814

Priority
DE 10238019 A 20020820

Abstract (en)
[origin: EP1391681A1] The method involves an aircraft acquiring an image of a terrain using a camera, transmitting corresponding image signals wirelessly to a receiver in a ground station and simultaneously acquiring measurement data by sensor device and transmitting the data to the receiver. The image signals and measurement data are digitized, whereby a defined small percentage of the pixels of the terrain image is used to transmit the digitized measurement data. The method involves a reconnaissance aircraft acquiring an image of the subject terrain using a camera (28) and transmitting the corresponding image signals wirelessly to a receiver (24) in a ground station and simultaneously acquiring measurement data by sensor device (32) and simultaneously transmitting the data to the receiver. The image signals and measurement data are digitized, whereby a defined small percentage of the pixels of the terrain image is used to transmit the digitized measurement data. An independent claim is also included for a device for real-time terrain reconnaissance.

IPC 8 full level
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CPC (source: EP)
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