

Title (en)

Method to form the safe confidence range of a position fixing solution

Title (de)

Verfahren zum Bilden des sicherheitsrelevanten Vertrauensintervalls einer Ortungslösung

Title (fr)

Procédé pour former un intervalle de confiance de sécurité d'une solution de localisation

Publication

**EP 0881136 A3 20000927 (DE)**

Application

**EP 98105117 A 19980320**

Priority

DE 19722899 A 19970529

Abstract (en)

[origin: EP0881136A2] The method involves temporally and locally offset individual location measurements from which confidence intervals (VIP1, VIP2, VIPn) are updated. A predetermined minimum number of individual confidence intervals lead up to a reference point (tb). Maximal upper and lower limits of all intervals form the boundaries of a safety-relevant interval (SVIPb). The vehicle's actual position is obtained with regard to the reset limits by displacement-dependent update of the limit values.

IPC 1-7

**B61L 25/02**

IPC 8 full level

**B61L 3/00** (2006.01); **B61L 25/02** (2006.01); **G01C 21/20** (2006.01)

CPC (source: EP)

**B61L 15/0092** (2024.01); **B61L 25/025** (2013.01); **B61L 25/026** (2013.01); **B61L 2205/04** (2013.01)

Citation (search report)

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- [A] US 5155688 A 19921013 - TANAKA ICHIRO [JP], et al
- [A] EP 0522862 A1 19930113 - PIONEER ELECTRONIC CORP [JP]

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DOCDB simple family (publication)

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