

Title (en)

Method for determining roll of a spinning flying object

Title (de)

Verfahren zum Bestimmen der Rollage eines rollenden Flugobjektes

Title (fr)

Méthode pour déterminer l'angle de roulis d'objets aériens

Publication

**EP 0745828 B1 20011017 (DE)**

Application

**EP 96108075 A 19960521**

Priority

DE 19520115 A 19950601

Abstract (en)

[origin: EP0745828A1] The roll position evaluation system uses a field strength vector (8) of the earth's magnetic field as a directional reference for determining the roll position of the flying object (1). The speed of the object is determined using e.g. NAVSTAR-GPS system. Pref. at least one magnetic field sensor (2) is used for providing the field strength vector of the earth's magnetic field at a given point on the flying object, used as a reference point for the roll position evaluation.

IPC 1-7

**F41G 7/34**; **F41G 7/22**

IPC 8 full level

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CPC (source: EP US)

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Cited by

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**EP 0745828 A1 19961204**; **EP 0745828 B1 20011017**; AT E207201 T1 20011115; DE 19520115 A1 19961205; DE 59607919 D1 20011122; US 5740986 A 19980421

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