

Title (en)

MISSILE FITTED WITH AN AUTODIRECTOR COMPRISING AN SYNTHESIS APERTURE RADAR ANTENNA AND ASSOCIATED GUIDING METHOD

Title (de)

MIT EINEM ZIELSUCHKOPF AUSGESTATTETES GESCHOSS MIT EINER RADARANTENNE MIT SYNTHETISCHER APERTUR SOWIE ZUGEHÖRIGES LENKVERFAHREN

Title (fr)

MISSILE EQUIPE D'UN AUTODIRECTEUR COMPORTANT UNE ANTENNE DE RADAR A SYNTHESE D'OUVERTURE ET PROCEDE DE GUIDAGE ASSOCIE

Publication

**EP 1839009 A2 20071003 (FR)**

Application

**EP 05825298 A 20051222**

Priority

- EP 2005057117 W 20051222
- FR 0413713 A 20041222

Abstract (en)

[origin: WO2006067220A2] The invention relates to a missile (1) fitted with an autodirector comprising an aperture synthesis radar antenna (7) having a main direction (70) of detection, characterized in that the antenna is configured in relation to the missile such that the main direction of the antenna is fixed in relation to the missile and offset by a constant angle ( $\beta$ ) in relation to the longitudinal axis (6) of the missile. The invention also relates to an associated method for altitude-controlled guidance of the missile.

IPC 8 full level

**F41G 7/22** (2006.01)

CPC (source: EP)

**F41G 7/2246** (2013.01); **F41G 7/2286** (2013.01); **G01S 13/883** (2013.01); **G01S 13/9041** (2019.04)

Citation (search report)

See references of WO 2006067220A2

Citation (examination)

- DE 3145374 A1 19830601 - MESSERSCHMITT BOELKOW BLOHM [DE]
- US 5755400 A 19980526 - KALMS III WILLIAM [US]
- US 5232182 A 19930803 - HAMILTON PAUL C [US]
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