

Title (en)

Device for deploying and locking of a canard wing

Title (de)

Vorrichtung zum Öffnen und Verriegeln eines Canard-Flügels

Title (fr)

Dispositif d'ouverture et verrouillage d'une ailette de canard

Publication

EP 2295928 B1 20130313 (FR)

Application

EP 10290479 A 20100908

Priority

FR 0904373 A 20090910

Abstract (en)

[origin: EP2295928A1] The device has a motor unit for pivoting a canard fin (2) from a transport position to a deployed position, where the fin is arranged inside a body (7) of a projectile (1) in the transport position and arranged radial to the body of the projectile in the deployed position. The motor unit comprises a support finger (12) that exerts a pivoting torque directly on an arm (2b). The support finger comprises a locking stop for the arm when the fin is in the deployed position, where a position sensor is arranged close to the support finger and detects passage of a loop of a spiral spring.

IPC 8 full level

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CPC (source: EP)

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Cited by

EP2759799A3; WO2022055766A1; EP3543640A2

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DOCDB simple family (publication)

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