

Title (en)

Aerodynamic stabilisation and braking device for air-drop body

Title (de)

Aerodynamische Stabilisier- und Bremsvorrichtung für Abwurfkörper

Title (fr)

Engin largable à stabilisation et freinage aérodynamique

Publication

EP 0675334 B1 20000412 (FR)

Application

EP 95400414 A 19950227

Priority

FR 9402401 A 19940302

Abstract (en)

[origin: EP0675334A1] The missile is equipped with passive stabilisers and is designed to follow an initial trajectory parallel to that of the launch aircraft. It has flexible rear flaps (17) which deploy automatically after launching so that the rate of their deployment varies with the aerodynamic pressure applied to them on release. The forward ends of the flaps are fixed flat to the body of the missile (10), and are reinforced by a series of shorter vanes (20). Otherwise the flaps can be in the form of metal vanes which are pivoted to the rear of the missile and open outwards by the pressure of air against them. Their pivots can be equipped with stops which retract or are broken at a given pressure. <IMAGE>

IPC 1-7

F42B 10/16; **F42B 10/50**

IPC 8 full level

F42B 10/16 (2006.01); **F42B 10/50** (2006.01)

CPC (source: EP)

F42B 10/16 (2013.01); **F42B 10/50** (2013.01)

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DE GB IT SE

DOCDB simple family (publication)

FR 2716965 A1 19950908; **FR 2716965 B1 19960503**; DE 69516200 D1 20000518; DE 69516200 T2 20001123; EP 0675334 A1 19951004; EP 0675334 B1 20000412

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