

Title (en)  
Device for deploying a projectile fin

Title (de)  
Vorrichtung zum Ausklappen des Leitwerks eines Projektils

Title (fr)  
Dispositif de déploiement d'une ailette d'un projectile

Publication  
**EP 1524488 B1 20080723 (FR)**

Application  
**EP 04292220 A 20040916**

Priority  
FR 0311642 A 20031006

Abstract (en)  
[origin: EP1524488A1] A mechanism (2) for deploying the fin of a projectile (1) between launch and trajectory positions comprises a fin support (5) that pivots about an axis (7) perpendicular to the lengthwise axis (4) of the projectile. The fin is connected to the support by a rod (8) that lies parallel to the projectile's axis in the launch position and perpendicular to it when deployed. The rod can also be made to rotate relative to the support as it is deployed, with the rotation controlled by a drive, and it can be moved lengthwise by a head (9) interacting with a cam surface (14).

IPC 8 full level  
**F42B 10/14** (2006.01)

CPC (source: EP US)  
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Cited by  
EP2295928A1; FR2949848A1; WO2018015838A1; EP3488176A4

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DOCDB simple family (publication)  
**EP 1524488 A1 20050420; EP 1524488 B1 20080723**; AT E402389 T1 20080815; DE 602004015221 D1 20080904; FR 2860577 A1 20050408; FR 2860577 B1 20060127; IL 164293 A0 20051218; IL 164293 A 20120229; US 2005082420 A1 20050421; US 7059561 B2 20060613

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