

Title (en)  
**MISSILE**

Publication  
**EP 0180722 B1 19920603 (DE)**

Application  
**EP 85109643 A 19850731**

Priority  
DE 3432614 A 19840905

Abstract (en)  
[origin: US4659037A] The invention concerns a missile body having a first flight guide and stabilization means mounted on the missile body and a second guide and stabilization means mounted on the missile body in front of the first guide and stabilization means with respect to the direction of flight. The second guide and stabilization means comprise a plurality of wings which are folded inwardly (collapsed inwardly, pivoted inwardly) into the missile body when in their inoperative position. These wings can be pivoted or slid outwardly when in their operative position by means of a collapsed expandable body which is expanded by means of pressurized gas. The pressurized gas is stored in a pressurized gas cylinder mounted within the missile body. The expandable body expands in a radial direction and thereby exerts a force on the wings which causes them to either pivot about a rotatable axis or to move in a radial direction outwardly of the missile body.

IPC 1-7  
**F42B 10/20**

IPC 8 full level  
**F42B 10/20** (2006.01)

CPC (source: EP US)  
**F42B 10/20** (2013.01 - EP US)

Cited by  
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**DE 3432614 A1 19860313**; DE 3586163 D1 19920709; EP 0180722 A2 19860514; EP 0180722 A3 19900321; EP 0180722 B1 19920603; ES 546443 A0 19871216; ES 8801027 A1 19871216; US 4659037 A 19870421

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**DE 3432614 A 19840905**; DE 3586163 T 19850731; EP 85109643 A 19850731; ES 546443 A 19850827; US 76917885 A 19850826