

Title (en)  
GUIDED MISSILE

Publication  
**EP 0064433 B1 19860219 (FR)**

Application  
**EP 82400634 A 19820406**

Priority  
FR 8107916 A 19810421

Abstract (en)  
[origin: US4441670A] A guided projectile comprising an energy source supplying a gas flow which feeds two pairs of exhaust nozzles, each pair of nozzles being disposed in the corresponding steering plane. Each of these nozzles is provided with a valve for regulating the relative flowrates of the throughflowing gases; this valve being formed essentially by a pivoting vane hinged about an axis; these vanes are interlocked in pairs and positioned by means of two independent mechanisms formed by a deformable parallelogram, the element 40 being the drive element. According to the invention, the directions of the thrust forces created by the nozzles converge at a point P situated on the axis of the projectile and this point P may merge with the center of gravity G of the projectile.

IPC 1-7  
**F42B 15/033**

IPC 8 full level  
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CPC (source: EP US)  
**F42B 10/663** (2013.01 - EP US)

Cited by  
US4441670A; EP0131573A4; EP0309327A1; FR2620812A1; EP0112755A3; FR2538098A1; US4632336A; EP0447284A1; FR2659734A1; US5123611A; EP0447283A1; FR2659733A1; US5074492A; FR2554577A1

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