

Title (en)  
Pyrotechnical actuator with cushioned stroke.

Title (de)  
Pyrotechnischen Stellkolben mit gedämpften Hub.

Title (fr)  
Vérin pyrotechnique à course amortie.

Publication  
**EP 0550321 A1 19930707 (FR)**

Application  
**EP 92403492 A 19921221**

Priority  
FR 9116385 A 19911231

Abstract (en)  
[origin: US5303631A] The invention that relates to a pyrotechnic actuator in which the movement of the piston is damped. The actuator includes a body, a piston, a pyrotechnic material combustion chamber and a counter pressure chamber. The actuator also includes at least one intermediate compression chamber located between the combustion chamber and the end of the piston, with the intermediate compression chamber connected to the combustion chamber by a hole.

Abstract (fr)  
L'invention se rapporte à un vérin pyrotechnique dont le piston a une course amortie. Le vérin a un corps (1) comportant un piston (5), une chambre de combustion (2) de matières pyrotechniques et une chambre de contre-pression (9). Il comporte en outre au moins une chambre de compression intermédiaire (3) comprise entre la chambre de combustion (2) et l'extrémité (6) du piston (5), la chambre de compression intermédiaire (3) étant reliée à la chambre de combustion (2) par un trou (4). Application Vérin d'inclinaison pour projectiles suspendus. <IMAGE>

IPC 1-7  
**F15B 15/19; F42B 3/00**

IPC 8 full level  
**F15B 15/19** (2006.01); **F15B 15/22** (2006.01); **F42B 3/00** (2006.01)

CPC (source: EP US)  
**F15B 15/19** (2013.01 - EP US); **F15B 15/22** (2013.01 - EP US); **F42B 3/006** (2013.01 - EP US)

Citation (search report)

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