

Title (en)

Disconnecting device activated by a pyrotechnically actuated piston

Title (de)

Pyromechanisches Trennelement

Title (fr)

Dispositif de séparation mécanique activé par des moyens pyrotechniques

Publication

EP 1443296 B1 20070808 (DE)

Application

EP 04001764 A 20040128

Priority

DE 10303377 A 20030129

Abstract (en)

[origin: EP1443296A1] The Pyro-mechanical separation element has a hermetically sealed pyrotechnical pressure element (2) installed in a housing (1) with a gas propelled pyrotechnical charge and a latching bolt (5) separated from the charge by a drive volume (19) and inserted into the housing. First and second attachment points are arranged on the housing and on the latching bolt, which is anchored on the housing by a locking and force-limiting element (8).

IPC 8 full level

F42B 3/00 (2006.01); **F15B 15/19** (2006.01); **F15B 15/26** (2006.01)

CPC (source: EP US)

F15B 15/19 (2013.01 - EP US); **F15B 15/261** (2013.01 - EP US); **F42B 3/006** (2013.01 - EP US)

Cited by

EP1547873A3; DE102005001115A1; DE102005001115B4; US9616846B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1443296 A1 20040804; **EP 1443296 B1 20070808**; AT E369538 T1 20070815; DE 10303377 A1 20040805; DE 502004004540 D1 20070920; US 2004255811 A1 20041223; US 7188558 B2 20070313

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EP 04001764 A 20040128; AT 04001764 T 20040128; DE 10303377 A 20030129; DE 502004004540 T 20040128; US 76717304 A 20040130