

Title (en)

Device and method for triggering avalanches

Title (de)

Verfahren und Vorrichtung zum Auslösen von Lawinenabgängen

Title (fr)

Procédé et dispositif destinés à déclencher des avalanches

Publication

EP 2287559 A3 20120530 (DE)

Application

EP 10007131 A 20100710

Priority

DE 102009037705 A 20090818

Abstract (en)

[origin: EP2287559A2] The method involves reinforcing a connecting hose for functioning as a support of an impulse generator that is supplied with gas from an energy source (E) over a control unit (S) and a pressure hose (V). A gas flow in chambers is interrupted by axial movement of an angular-shaped channel. Three separating walls are provided with a sealing element made of wear-resistant elastic material, where the walls are made of aluminum alloy or titanium alloy. Sum of surfaces of two of the walls is larger than a surface of the third wall and function of measure between feeding and operating pressures. An independent claim is also included for a device for generating shock wave for performing a method for triggering an avalanche, comprising a pre-pressure chamber.

IPC 8 full level

F42D 3/00 (2006.01)

CPC (source: EP)

F42D 3/00 (2013.01)

Citation (search report)

- [Y] FR 2897931 A1 20070831 - TECHNOLOGIE ALPINE DE SECURITE [FR]
- [XYI] WO 0014378 A1 20000316 - PROWELL TECHNOLOGIES LTD [IL], et al
- [XI] EP 1895092 A1 20080305 - STEINBRECHER ALEXANDER [DE]

Cited by

EP2977318A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2287559 A2 20110223; EP 2287559 A3 20120530; DE 102009037705 A1 20110303; DE 102009037705 A8 20110601;
DE 102009037705 B4 20140327

DOCDB simple family (application)

EP 10007131 A 20100710; DE 102009037705 A 20090818