

Title (en)

METHOD FOR ARTIFICIALLY PROVOKING AN AVALANCHE AND DEVICE FOR IMPLEMENTING SAME

Title (de)

VERFAHREN UND VORRICHTUNG ZUM AUSLÖSEN VON LAWINEN

Title (fr)

PROCEDE DE DECLenchement ARTIFICIEL D'UNE AVALANCHE ET DISPOSITIF POUR LA MISE EN OEUVRE DE CE PROCEDE

Publication

EP 1031008 B1 20030312 (FR)

Application

EP 98955667 A 19981116

Priority

- FR 9802441 W 19981116
- FR 9714366 A 19971117

Abstract (en)

[origin: US6324982B1] The invention involves a process for artificially triggering an avalanche. The invention process includes a first step of filling at least one flexible envelope with an explosive fluid and a second step of triggering an explosion of the aforesaid fluid within each envelope, each envelope being destroyed by the explosion of the fluid. The destruction of the envelope allows for propagation of an aerial spherical overpressure wave which will affect an optimal area of the blanket of snow to be removed and will shake the aforesaid area and trigger an avalanche. The invention also involves a device for applying this process, the aforesaid device including at least one envelope to contain the explosive fluid, and means to trigger the explosion of this fluid within each envelope.

IPC 1-7

F42D 3/00

IPC 8 full level

F42D 3/00 (2006.01)

CPC (source: EP US)

F42D 3/00 (2013.01 - EP US)

Cited by

FR2897931A1; DE102009037705B4; FR2925152A1; WO2007096524A1; US8342096B2; EP2287559A2; DE102009037705A1

Designated contracting state (EPC)

AT CH DE ES FR IT LI

DOCDB simple family (publication)

US 6324982 B1 20011204; AT E234457 T1 20030315; CA 2310113 A1 19990527; CA 2310113 C 20061114; DE 69812150 D1 20030417; DE 69812150 T2 20031204; EP 1031008 A1 20000830; EP 1031008 B1 20030312; ES 2194364 T3 20031116; FR 2771168 A1 19990521; FR 2771168 B1 19991210; IS 5474 A 20000427; JP 2001523809 A 20011127; JP 4180794 B2 20081112; NO 20002393 D0 20000508; NO 20002393 L 20000717; NO 318333 B1 20050307; TR 200001359 T2 20010221; WO 9926039 A1 19990527

DOCDB simple family (application)

US 55421800 A 20000811; AT 98955667 T 19981116; CA 2310113 A 19981116; DE 69812150 T 19981116; EP 98955667 A 19981116; ES 98955667 T 19981116; FR 9714366 A 19971117; FR 9802441 W 19981116; IS 5474 A 20000427; JP 2000521358 A 19981116; NO 20002393 A 20000508; TR 200001359 T 19981116