

Title (en)
DEVICE FOR PROVOKING THE COLLAPSE OF A SNOW CORNICE

Title (de)
VORRICHTUNG DIE DAS EINSTÜRZEN EINER SCHNEEPLATTEEINLEITET

Title (fr)
DISPOSITIF POUR PROVOQUER LA RUPTURE D'UNE CORNICHE DE NEIGE

Publication
EP 0991911 A1 20000412 (FR)

Application
EP 98924519 A 19980622

Priority

- FR 9708245 A 19970626
- IB 9800971 W 19980622

Abstract (en)
[origin: US6279481B1] The invention concerns a device for provoking the collapse of a snow cornice comprising several exploders (11). Each exploder (11) consists of a main cylinder (12), perpendicular to the support base (14) arranged flat on the ground, and a positioning tube (13) connected to the main cylinder and mounted on a rigid seat (15) fixed to the mountain side. A supply conduit (20), connected by conduits (23, 24) respectively to an oxygen cylinder and a propane cylinder stored in a shelter (22), supplies via conduit sections (9) a detonating gas mixture, obtained from two gases, into the positioning tube (13) and into the main cylinder (12). Igniting means (21) mounted upstream of the supply conduit (20) ensure the ignition of the detonating gas mixture.

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
DE102009037705B4; EP2287559A2; DE102009037705A1

Designated contracting state (EPC)
AT CH DE ES FR IT LI

DOCDB simple family (publication)
US 6279481 B1 20010828; AT E205297 T1 20010915; CA 2292810 A1 19990107; DE 69801580 D1 20011011; DE 69801580 T2 20020711; EP 0991911 A1 20000412; EP 0991911 B1 20010905; ES 2163277 T3 20020116; FR 2765320 A1 19981231; FR 2765320 B1 19990917; JP 2002506511 A 20020226; WO 9900637 A1 19990107

DOCDB simple family (application)
US 44623999 A 19991217; AT 98924519 T 19980622; CA 2292810 A 19980622; DE 69801580 T 19980622; EP 98924519 A 19980622; ES 98924519 T 19980622; FR 9708245 A 19970626; IB 9800971 W 19980622; JP 50539999 A 19980622