

Title (en)
IGNITION DEVICE

Publication
EP 0119383 B1 19870506 (DE)

Application
EP 84100170 A 19840110

Priority
DE 3300748 A 19830112

Abstract (en)
[origin: US4599946A] An ignition device for mines, in particular training mines. The device includes a percussion bolt which is mechanically held in an inoperative position and is loaded by the action of a coil spring so that when released it is propelled axially towards a pyrophoric ignition charge to initiate an ignition chain. The ignition device is of simple and inexpensive construction and can be mechanically released by forces acting in a variety of directions. The device includes a cylindrical housing in which a percussion bolt and actuating lever are mounted one behind the other in axial alignment. A plurality of cup-shaped members, preferably a pair, are mounted in the housing so as to surround at least a portion of the actuating lever and percussion bolt. Upon actuation of the lever by applying a force thereto in a predetermined direction the cup-shaped members are spread apart against a biasing force to release the percussion bolt in the firing direction.

IPC 1-7
F42B 23/26

IPC 8 full level
F42B 23/24 (2006.01); **F42B 23/00** (2006.01); **F42C 7/12** (2006.01); **F42C 14/08** (2006.01)

CPC (source: EP KR US)
F42B 23/00 (2013.01 - KR); **F42B 23/24** (2013.01 - KR); **F42C 7/12** (2013.01 - EP US); **F42C 14/08** (2013.01 - EP US)

Cited by
WO9420816A1; WO8707710A1

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

DOCDB simple family (publication)
US 4599946 A 19860715; AT E27061 T1 19870515; DE 3463571 D1 19870611; EP 0119383 A1 19840926; EP 0119383 B1 19870506; GB 2133515 A 19840725; GB 2133515 B 19870325; GB 8400671 D0 19840215; KR 850006070 A 19850928; KR 870002027 B1 19871130; MY 101568 A 19911217; SG 50987 G 19870828

DOCDB simple family (application)
US 57021784 A 19840112; AT 84100170 T 19840110; DE 3463571 T 19840110; EP 84100170 A 19840110; GB 8400671 A 19840111; KR 840000621 A 19840210; MY PI19870854 A 19870619; SG 50987 A 19870611