

Title (en)
LOCK FOR IGNITER PLUG LEVER

Title (de)
VERRIEGELUNG FÜR DEN GRIFF EINES ZÜNDERKOPFES

Title (fr)
VERROU POUR LEVIER DE BOUCHON ALLUMEUR

Publication
EP 1269107 B1 20061102 (FR)

Application
EP 01921488 A 20010405

Priority
• FR 0101028 W 20010405
• FR 0004401 A 20000406
• FR 0010059 A 20000731

Abstract (en)
[origin: WO0177608A1] The invention concerns an igniter plug for a pyrotechnic device, in particular a hand-launch or mechanical launch grenade, comprising a body (104) provided with a control mechanism including a fly-off lever (101) and a percussion mechanism (128) co-operating with a primary pyrotechnic module (105) for initiating the charge (119) of the associated device. The invention is characterised in that it further comprises a lock (150) engaged with the lever (101), in storage position, to prevent the fly-off lever (101) from moving towards its release position, the lock (150) being configured to impose, when the igniter plug is activated, an initial movement of the lever (101) countering its displacement required for releasing the percussion mechanism (128), so as to disengage the lock (150) and the fly-off lever (101).

IPC 8 full level
F42C 14/02 (2006.01); **F42C 15/00** (2006.01); **F42C 15/184** (2006.01); **F42C 15/20** (2006.01)

CPC (source: EP US)
F42C 14/02 (2013.01 - EP US); **F42C 15/005** (2013.01 - EP US); **F42C 15/184** (2013.01 - EP US); **F42C 15/20** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE DE ES FR GB

DOCDB simple family (publication)
WO 0177608 A1 20011018; AT E344435 T1 20061115; DE 60124233 D1 20061214; DE 60124233 T2 20070906; EP 1269107 A1 20030102; EP 1269107 B1 20061102; ES 2273823 T3 20070516; FR 2807511 A1 20011012; FR 2807511 B1 20030124; US 2003167953 A1 20030911; US 6792868 B2 20040921

DOCDB simple family (application)
FR 0101028 W 20010405; AT 01921488 T 20010405; DE 60124233 T 20010405; EP 01921488 A 20010405; ES 01921488 T 20010405; FR 0010059 A 20000731; US 24095703 A 20030506