

Title (en)

ADJUSTABLE-PERFORMANCE STUN GRENADES

Title (de)

LEISTUNGSVARIABLER IRRITATIONSKÖRPER

Title (fr)

CORPS IRRITANT À PUISSANCE VARIABLE

Publication

**EP 2643653 B1 20210113 (DE)**

Application

**EP 11776120 A 20111027**

Priority

- DE 102010052210 A 20101124
- EP 2011005422 W 20111027

Abstract (en)

[origin: US2012132100A1] An irritation body (100, 100') is proposed, which is formed by at least two modules (101, 102). The upper module (101) serves for acceptance of an ignition head (1) with tilt lever (3) and comprises upper blow-out apertures (8, 9). The lower module (102) is intended for acceptance of an effect-charge (11) with the effect-charge (11) being integrated in a central chamber (10) of a module (102). The chamber (10) itself is functionally connected with the upper blow-out apertures (8, 9) and also with the lower blow-out apertures (12, 18, 19, 20) in the lower module (102). The chamber (10) in the lower module (102) can, depending upon module (102), be selected in different sizes, which produces, under concomitant volume variability, output variability with defined increase in output.

IPC 8 full level

**F42B 12/36** (2006.01); **F42B 12/42** (2006.01); **F42B 27/00** (2006.01)

CPC (source: EP US)

**F42B 8/26** (2013.01 - US); **F42B 12/36** (2013.01 - EP US); **F42B 12/42** (2013.01 - EP US); **F42B 12/46** (2013.01 - US);  
**F42B 27/00** (2013.01 - EP US)

Citation (examination)

US 2094561 A 19370928 - ALEXANDER LOWY

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 RS SE SI SK SM TR

DOCDB simple family (publication)

**DE 102010052210 A1 20120524; DE 102010052210 B4 20211007;** EP 2643653 A1 20131002; EP 2643653 B1 20210113;  
PL 2643653 T3 20211025; US 2012132100 A1 20120531; US 9016205 B2 20150428; WO 2012069120 A1 20120531

DOCDB simple family (application)

**DE 102010052210 A 20101124;** EP 11776120 A 20111027; EP 2011005422 W 20111027; PL 11776120 T 20111027;  
US 201113304501 A 20111125