Title (en)

DEVICE FOR THE CONTROLLED INITIATION OF THE DEFLAGRATION OF AN EXPLOSIVE CHARGE

Title (de)

VORRICHTUNG ZUR GESTEUERTEN INITIIERUNG DER DEFLAGRATION EINER SPRENGLADUNG

Title (fr)

DISPOSITIF D'INITIATION COMMANDEE DE LA DEFLAGRATION D'UNE CHARGE EXPLOSIVE

Publication

EP 3029012 A2 20160608 (DE)

Application

EP 15003412 A 20151201

Priority

DE 102014018218 A 20141206

Abstract (en)

[origin: US2016161236A1] A device for the controlled initiation of a subdetonative reaction of an explosive charge arranged in a shell includes at least one explosive charge core extending in a region of a longitudinal axis of the explosive charge. A transverse dimension of the explosive charge core is adaptable to a radial extent of the shell in a longitudinal direction of the explosive charge, while a charging of the explosive charge core is set homogeneously or locally variably over a length of the explosive charge core with respect to a type of explosive material.

Abstract (de)

Eine Vorrichtung zur Auslösung einer subdetonativen Reaktion, insbesondere einer Deflagration, einer Sprengladung eines Wirksystems lässt sich durch Maßnahmen an die Konfiguration der Sprengladung und, sofern vorhanden, ihre Hülle soweit anpassen, dass eine stabile Deflagration der gesamten Sprengladung erreicht wird.

IPC 8 full level

C06C 7/00 (2006.01)

CPC (source: EP US)

C06B 45/00 (2013.01 - EP US); **C06C 7/00** (2013.01 - EP US); **F42B 12/20** (2013.01 - US); **F42B 12/207** (2013.01 - US); **F42B 12/208** (2013.01 - US); **F42C 19/0838** (2013.01 - EP US)

Citation (applicant)

- DE 10008914 C2 20030626 - TDW VERTEIDIGUNGSTECH WIRKSYS [DE]
- DE 102012006044 B3 20130321 - TDW VERTEIDIGUNGSTECH WIRKSYS [DE]
- US 2012227609 A1 20120913 - VOLKMANN ERIC [US]

Cited by

CN115745717A; CN108775855A

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3029012 A2 20160608; **EP 3029012 A3 20160824**; **EP 3029012 B1 20200715**; DE 102014018218 A1 20160721; DE 102014018218 B4 20230517; US 2016161236 A1 20160609; US 9829297 B2 20171128

DOCDB simple family (application)

EP 15003412 A 20151201; DE 102014018218 A 20141206; US 201514959735 A 20151204