

Title (en)
DETONATOR CAPSULE

Title (de)
SPRENGKAPSEL

Title (fr)
CAPSULE DÉTONANTE

Publication
EP 2818823 A1 20141231 (EN)

Application
EP 12869339 A 20120222

Priority
RU 2012000124 W 20120222

Abstract (en)
What is proposed is: a detonator capsule comprising a casing, which contains an ignition charge, a primary explosive and a secondary explosive, which are arranged in such a way that the ignition charge ignites the primary explosive, which in turn detonates the secondary explosive, an electronic delay timer for the ignition of the primary explosive and an explosion initiation means, which is connected to said delay means for the ignition of the primary explosive, wherein the explosion initiation means comprises a shock tube, one end of which is fixed in the inlet part of said casing, a cylindrical case which is mounted coaxially to the shock tube and the inlet into the cavity of the case is directed towards the shock tube, wherein a magnetic armature is mounted in the cavity of said cylindrical case in such a way as to be capable to move along the axis of said cylindrical case, and said cylindrical case is covered on the outside by an induction coil.

IPC 8 full level
F42C 11/04 (2006.01); **F42D 1/04** (2006.01)

CPC (source: EP)
F42C 11/04 (2013.01); **F42D 1/04** (2013.01)

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 2818823 A1 20141231; **EP 2818823 A4 20150930**; WO 2013125975 A1 20130829

DOCDB simple family (application)
EP 12869339 A 20120222; RU 2012000124 W 20120222