

Title (en)

Explosive activated RF source

Title (de)

Explosivstoffgetriebene RF-Strahlenquelle

Title (fr)

Source RF activée par explosif

Publication

EP 1189492 B1 20080402 (DE)

Application

EP 01119011 A 20010807

Priority

DE 10044867 A 20000912

Abstract (en)

[origin: EP1189492A1] An autonomous source (2) of radio frequency beams driven with a highly explosive substance (10) is controlled regarding time or impact. A battery (3) triggers an ignition device (11) in a magnetic flow compressor (4) as a pulse generator. The highly explosive substance in a liner (6.3) rips open a coil shell and individual windings (6.2) are short-circuited.

IPC 8 full level

H05H 1/24 (2006.01); **F41B 15/04** (2006.01); **F41H 13/00** (2006.01); **F42B 12/36** (2006.01); **G21K 1/00** (2006.01)

CPC (source: EP US)

F41H 13/0068 (2013.01 - EP US); **F41H 13/0075** (2013.01 - EP US); **F41H 13/0093** (2013.01 - EP US); **F42B 12/36** (2013.01 - EP US); **G21K 1/00** (2013.01 - EP US); **H05H 1/46** (2013.01 - EP US); **H05H 1/4652** (2021.05 - EP); **H05H 1/4652** (2021.05 - US)

Cited by

EP3279603A1; US10415937B2

Designated contracting state (EPC)

DE FR GB NL SE

DOCDB simple family (publication)

EP 1189492 A1 20020320; **EP 1189492 B1 20080402**; DE 10044867 A1 20020321; DE 50113812 D1 20080515; US 2002035918 A1 20020328; US 6477932 B2 20021112

DOCDB simple family (application)

EP 01119011 A 20010807; DE 10044867 A 20000912; DE 50113812 T 20010807; US 94994201 A 20010912