

Title (en)
ACTIVATION UNIT FOR MUNITION-FREE DECOYS

Title (de)
AKTIVIERUNGSEINHEIT FÜR MUNITIONSFREIE SCHEINZIELE

Title (fr)
UNITÉ D'ACTIVATION POUR CIBLES VIRTUELLES SANS MUNITIONS

Publication
EP 2300772 B1 20121017 (DE)

Application
EP 09776700 A 20090608

Priority

- EP 2009004114 W 20090608
- DE 102008028245 A 20080616
- DE 102009020558 A 20090508

Abstract (en)
[origin: WO2010003496A1] An activation unit (1, 10) for munition-free decoys, active masses or active bodies (3) is characterised by an ejector tube (2) and a high-powered heater element (4) arranged around the ejector tube (2, 12) made up of at least one heating wire (6), provided with electrical current by a regulator unit. Each heating wire (6) is enclosed in a sleeve (7) and embedded in at least one heat-loss minimising material. On the active body (3) passing through the activation unit (1,10) the active body (3) directly or indirectly contacts with the outer surface thereof with the individual elements (4) of the activation unit (1, 10).The thermal energy is transmitted to the active body (3) by the heating wires (6) which ignites at the touching or contact point.

IPC 8 full level
F41J 2/02 (2006.01); **F41A 21/02** (2006.01); **F41B 6/00** (2006.01); **F41H 11/02** (2006.01); **F42B 4/26** (2006.01); **F42B 5/15** (2006.01); **F42B 5/155** (2006.01)

CPC (source: EP US)
F41H 11/02 (2013.01 - EP US); **F41J 2/02** (2013.01 - EP US); **F42B 4/26** (2013.01 - EP US); **F42B 5/15** (2013.01 - EP US)

Designated contracting state (EPC)
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 SE SI SK TR

DOCDB simple family (publication)
WO 2010003496 A1 20100114; DE 102009020558 A1 20101118; EP 2300772 A1 20110330; EP 2300772 B1 20121017; KR 20110028263 A 20110317; US 2011174182 A1 20110721; US 8695504 B2 20140415

DOCDB simple family (application)
EP 2009004114 W 20090608; DE 102009020558 A 20090508; EP 09776700 A 20090608; KR 20107026951 A 20090608; US 96925310 A 20101215