

Title (en)
Smoke projectile

Title (de)
Nebelwurfkörper

Title (fr)
Projectile fumigène

Publication
EP 2405231 B1 20161116 (DE)

Application
EP 11005431 A 20110702

Priority
DE 102010026641 A 20100709

Abstract (en)
[origin: EP2405231A2] The projectile (1) has a smoke active mass (2) for producing camouflage smoke. A breaking charge (3) e.g. pyrotechnic charge, breaks and ignites the active mass. A deceleration charge (4) i.e. deflagration conversion charge, causes decelerated operation of the breaking charge. The active mass is arranged around the breaking charge. The breaking charge is arranged in an elongate duct, which is provided in a region of a longitudinal axis of the mass. An ignition element (5) is arranged at an end of the deceleration charge for igniting the deceleration charge during firing the projectile.

IPC 8 full level
F42B 5/15 (2006.01); **F42B 12/48** (2006.01); **F42C 9/10** (2006.01)

CPC (source: EP)
F42B 5/15 (2013.01); **F42B 12/48** (2013.01)

Citation (opposition)
Opponent : Rheinmetall Waffe Munition GmbH
• DE 2908116 A1 19790913 - RAUFOSS AMMUNISJONSFABRIKKER
• US 1875985 A 19320906 - WILLIAM BRANDT EDGAR
• US 2529318 A 19501107 - TEGGE BRUCE R
• DE 2908216 A1 19790920 - RAUFOSS AMMUNISJONSFABRIKKER
• WO 03106913 A1 20031224 - DIEHL MUNITIONSSYSTEME GMBH [DE], et al
• DE 10152023 A1 20030515 - BUCK NEUE TECHNOLOGIEN GMBH [DE]
• DE 1913790 A1 19701008 - BUCK KG
• DE 3031369 A1 19820225 - FEISTEL PYROTECH FAB [DE]
• DE 4328581 A1 19950302 - NICO PYROTECHNIK [DE]
• DE 3048595 A1 19820722 - DYNAMIT NOBEL AG [DE]
• DE 69205273 T2 19960404 - RAUFOSS AS [NO]
• US 3332348 A 19670725 - MYERS JACK A, et al
• DE 19617701 C2 20000113 - BUCK WERKE GMBH & CO I K [DE]
• DE 2811016 C1 19860717 - BUCK CHEM TECH WERKE
• DE 3835887 C2 19971002 - RHEINMETALL IND AG [DE]
• DE 102004059991 B4 20070315 - NICO PYROTECHNIK [DE]
• DE 3238455 C2 19870305
• DE 102006008309 B4 20080327 - DIEHL BGT DEFENCE GMBH & CO KG [DE]

Designated contracting state (EPC)
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