

Title (en)
Cartridge

Title (de)
Patrone

Title (fr)
Cartouche

Publication
EP 2221575 A3 20130724 (DE)

Application
EP 09015606 A 20091217

Priority
DE 102009009776 A 20090220

Abstract (en)
[origin: EP2221575A2] The cartridge (1) has a segmented single flange sabot (10) with a projectile body (6). A receiving device (28) made of plastic is detachable from a control surface (7) of a sabot-type projectile (5) during firing of cartridge, centered towards the control surface, and connected with a shell cover (4). The receiving device comprises a ring shaped rear flange (29) whose outer diameter corresponds to a projectile caliber of the cartridge. A sealing lip (22) is made of rubber, a segment ring (24) is made of metal, and a guiding and sealing strip (25) is made of plastic.

IPC 8 full level
F42B 5/073 (2006.01); **F42B 5/067** (2006.01); **F42B 14/06** (2006.01)

CPC (source: EP KR US)
F42B 5/067 (2013.01 - EP US); **F42B 5/073** (2013.01 - EP US); **F42B 14/00** (2013.01 - KR); **F42B 14/06** (2013.01 - KR);
F42B 14/064 (2013.01 - EP US)

Citation (search report)

- [A] DE 102007037738 A1 20090212 - RHEINMETALL WAFFE MUNITION [DE]
- [A] US H403 H 19880105
- [A] US 3978792 A 19760907 - CAMPOLI RALPH F, et al

Cited by
CN108654040A

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 SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2221575 A2 20100825; EP 2221575 A3 20130724; EP 2221575 B1 20140305; DE 102009009776 A1 20100826; ES 2455199 T3 20140414; KR 20100095365 A 20100830; US 2010236441 A1 20100923; US 8171854 B2 20120508

DOCDB simple family (application)
EP 09015606 A 20091217; DE 102009009776 A 20090220; ES 09015606 T 20091217; KR 20100000882 A 20100106; US 70941110 A 20100219