

Title (en)

Improved reduced energy cartridge and method for making same

Title (de)

Verbesserte Schwachenergiepatrone und Herstellungsverfahren dafür

Title (fr)

Cartouche d'énergie réduite améliorée et son procédé de fabrication

Publication

**EP 1962048 A3 20100224 (EN)**

Application

**EP 08002544 A 20080212**

Priority

US 67763807 A 20070222

Abstract (en)

[origin: EP1962048A2] Improved Reduced Energy Cartridge and a method of manufacturing said cartridge comprising providing a cartridge body (20) with forward and rearward cavities (40,45) interconnected by an aperture (55), providing a piston (25) with a primer retaining cavity (75), inserting primer into the primer retaining cavity, securing the primer, placing a seal member (30) around the piston, inserting the piston and seal member combination into the rearward cavity of the cartridge body, and crimping at least a portion of the cartridge body to the piston.

IPC 8 full level

**F42B 5/045** (2006.01); **F42B 8/02** (2006.01)

CPC (source: EP US)

**F42B 5/045** (2013.01 - EP US); **F42B 8/02** (2013.01 - EP US)

Citation (search report)

- [X] WO 9114916 A1 19911003 - SNC IND TECHNOLOGIES INC [CA]
- [A] WO 0116550 A1 20010308 - LAMBETH PROPERTIES LTD [BS], et al
- [A] US 2005103221 A1 20050519 - SAXBY MICHAEL E [GB]

Cited by

RU203194U1; EP2668463A4; US2022146238A1; US11656063B2; WO2011130550A3; US9835426B2; US10088287B2; WO2011130550A2; US8485102B2

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 1962048 A2 20080827**; **EP 1962048 A3 20100224**; **EP 1962048 B1 20131211**; CA 2621708 A1 20080822; CA 2621708 C 20130416; US 2010269724 A1 20101028

DOCDB simple family (application)

**EP 08002544 A 20080212**; CA 2621708 A 20080215; US 67763807 A 20070222