

Title (en)
Security device for puncturable cartridge

Title (de)
Sicherheitsvorrichtung für perforierbare Patrone

Title (fr)
Dispositif de sécurité pour cartouche perforable

Publication
EP 1406041 B1 20100317 (FR)

Application
EP 03292433 A 20031002

Priority
FR 0212274 A 20021003

Abstract (en)
[origin: EP1406041A2] A flexible elastic member (41) which may be made from metal or plastic has folds (46,48) which rest on the concave base (7) of the canister. The member is also in contact with a side wall and carries a crown type safety joint (44) at the upper end (42). The safety joint presses against the inner portion of the canister top (11) which is designed to be perforated in use

IPC 8 full level
F17C 1/14 (2006.01); **F17C 1/00** (2006.01); **F17C 3/00** (2006.01); **F17C 13/00** (2006.01); **F17C 13/06** (2006.01); **F17C 13/12** (2006.01)

CPC (source: EP)
F17C 3/00 (2013.01); **F17C 13/12** (2013.01); **F17C 2201/0109** (2013.01); **F17C 2201/0114** (2013.01); **F17C 2201/058** (2013.01); **F17C 2203/0636** (2013.01); **F17C 2205/032** (2013.01); **F17C 2205/0335** (2013.01); **F17C 2221/035** (2013.01); **F17C 2223/0153** (2013.01); **F17C 2260/036** (2013.01); **F17C 2270/0709** (2013.01)

Cited by
IT202100004934A1; EP3088791A1; GR20180100278A; GR1008914B; EP3287686A1; IT201600086921A1; EP3643959A1; IT201800009658A1; ITTO20130378A1; EP2803897A3; EP2913578A3; GR1009475B; GR1010269B; EP4098930A1; IT202100014129A1; WO2010100184A1; WO2023135434A1; EP2803897A2

Designated contracting state (EPC)
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EP 1406041 A2 20040407; **EP 1406041 A3 20061004**; **EP 1406041 B1 20100317**; AT E461397 T1 20100415; DE 60331715 D1 20100429; DK 1406041 T3 20100628; ES 2342882 T3 20100716; FR 2845456 A1 20040409; FR 2845456 B1 20050114; PT 1406041 E 20100525

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