

Title (en)

LAUNCHER WITH ENHANCED TIGHTNESS FOR AMMUNITIONS COMPRISING A LAUNCHER ASSOCIATED WITH A SUB-PROJECTILE

Title (de)

TREIBKÄFIG MIT VERBESSERTER GASABDICHTUNG FÜR SUBMUNITIONSKÖRPER

Title (fr)

LANCEUR A ETANCHEITE AMELIOREE POUR MUNITIONS DU TYPE COMPORTANT UN LANCEUR ASSOCIE A UN SOUS-PROJECTILE

Publication

**EP 1023573 B1 20020102 (FR)**

Application

**EP 98947606 A 19981006**

Priority

- FR 9802127 W 19981006
- FR 9712754 A 19971013

Abstract (en)

[origin: FR2769700A1] The launcher (1) for a sub-projectile (5) is made from one or more separable elements, and has at least one seal (16) in contact with the outer surface of the sub-projectile and the inner surface of the launcher. Each element has a number of perforations for fixing the seal, which covers the inner surface, the outer surface and the joint between elements for a distance of up to 1 mm. The seal is molded from a supple material selected from natural or artificial rubbers.

IPC 1-7

**F42B 14/06**

IPC 8 full level

**F42B 14/02** (2006.01); **F42B 14/06** (2006.01)

CPC (source: EP)

**F42B 14/02** (2013.01); **F42B 14/061** (2013.01)

Designated contracting state (EPC)

AT BE CH DE ES FI GB GR IT LI NL PT SE

DOCDB simple family (publication)

**FR 2769700 A1 19990416; FR 2769700 B1 19991224**; AT E211539 T1 20020115; AU 9446198 A 19990503; CA 2305549 A1 19990422; CA 2305549 C 20070605; DE 69803401 D1 20020228; DE 69803401 T2 20020801; EP 1023573 A1 20000802; EP 1023573 B1 20020102; ES 2169927 T3 20020716; PT 1023573 E 20020628; WO 9919685 A1 19990422

DOCDB simple family (application)

**FR 9712754 A 19971013**; AT 98947606 T 19981006; AU 9446198 A 19981006; CA 2305549 A 19981006; DE 69803401 T 19981006; EP 98947606 A 19981006; ES 98947606 T 19981006; FR 9802127 W 19981006; PT 98947606 T 19981006