

Title (en)
Device for the deployment and the control of the control vanes of a projectile

Title (de)
Vorrichtung zur Entfaltung und Steuerung der Steuerflächen eines Projektils

Title (fr)
Dispositif de déploiement et d'entraînement de gouvernes d'un projectile

Publication
EP 1550837 B1 20070418 (FR)

Application
EP 04292854 A 20041202

Priority
FR 0315601 A 20031231

Abstract (en)
[origin: EP1550837A1] The device has two engines (2) to assure deployment and orientation of rudders (8). A blocking unit (7) immobilizes all the rudders and permits simultaneous release of the rudders. The blocking unit is immobilized by locking pins (9) that are released by a swiveling body (20) of the engines. Each pin is activated by a spring and cooperates with a ring (4) integrated to the body of each engine.

IPC 8 full level
F42B 10/14 (2006.01); **F42B 10/64** (2006.01)

CPC (source: EP US)
F42B 10/14 (2013.01 - EP US); **F42B 10/64** (2013.01 - EP US)

Cited by
FR3038042A1; EP2354755A1; EP2295928A1; EP2703768A1; US9297622B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1550837 A1 20050706; EP 1550837 B1 20070418; AT E360186 T1 20070515; DE 602004005957 D1 20070531;
DE 602004005957 T2 20080110; ES 2285382 T3 20071116; FR 2864613 A1 20050701; FR 2864613 B1 20060317;
US 2005151000 A1 20050714; US 7175131 B2 20070213

DOCDB simple family (application)
EP 04292854 A 20041202; AT 04292854 T 20041202; DE 602004005957 T 20041202; ES 04292854 T 20041202; FR 0315601 A 20031231;
US 909004 A 20041213