

Title (en)

ANTI-RECOIL DEVICE WITH BRAKE, BRAKE COMPENSATOR AND RECUPERATOR

Title (de)

VORRICHTUNG ZUR VERRINGERUNG DES RÜCKSTOSSES MIT BREMSE, BREMSKOMPENSATOR UND ROHRVORHOLER

Title (fr)

DISPOSITIF ANTI-RECOL AVEC FREIN, COMPENSATEUR DU FREIN ET RECUPERATEUR

Publication

**EP 1151236 A1 20011107 (FR)**

Application

**EP 00905119 A 20000211**

Priority

- FR 0000348 W 20000211
- FR 9901863 A 19990216

Abstract (en)

[origin: US6536324B1] The invention relates to anti-recoil devices for guns and martars. The anti-recoil device has a brake with a principal cavity which houses a principal piston pierced with holes. The small chamber of the brake is connected by an opening to a subsidiary chamber closed by a fluid-tight piston. The principal cavity and the subsidiary chamber are filled with a liquid whilst a gas under pressure, located on the other side of the fluid-tight piston with respect to the subsidiary chamber, tends to push back the subsidiary piston. A valve partially obturates the holes of the principal piston, during the return to firing position, in order to brake that return.

IPC 1-7

**F41A 25/20**

IPC 8 full level

**F41A 25/20** (2006.01)

CPC (source: EP US)

**F41A 25/20** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**US 6536324 B1 20030325**; AT E250205 T1 20031015; DE 60005303 D1 20031023; DE 60005303 T2 20040708; DK 1151236 T3 20040126; EP 1151236 A1 20011107; EP 1151236 B1 20030917; ES 2208274 T3 20040616; FR 2789760 A1 20000818; FR 2789760 B1 20011207; JP 2002537541 A 20021105; JP 4505990 B2 20100721; NO 20013970 D0 20010815; NO 20013970 L 20011015; NO 320190 B1 20051107; PT 1151236 E 20040227; WO 0049358 A1 20000824

DOCDB simple family (application)

**US 92601901 A 20010815**; AT 00905119 T 20000211; DE 60005303 T 20000211; DK 00905119 T 20000211; EP 00905119 A 20000211; ES 00905119 T 20000211; FR 0000348 W 20000211; FR 9901863 A 19990216; JP 2000600052 A 20000211; NO 20013970 A 20010815; PT 00905119 T 20000211