

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-RECU AVEC FREIN, COMPENSATEUR DU FREIN ET RECUPERATEUR

Publication

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Application

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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.

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