

Title (en)
PYROTECHNICAL UNSCREWING-SCREWING APPARATUS

Title (de)
PYROTECHNISCHES WERKZEUG ZUM SCHRAUBEN UND LOSSCHRAUBEN

Title (fr)
DEVISSEUSE-VISSEUSE PYROTECHNIQUE

Publication
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Application
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• FR 9707687 A 19970618

Abstract (en)
[origin: FR2764836A1] The invention concerns a pyrotechnical unscrewing-screwing device consisting essentially of a mass-hammer (6) launched at high speed on an anvil (10), whereof the lever arm is connected to the element to be unscrewed, unlocked, screwed or locked. The reaction is provided by an inertial compensating mass (15) containing the expansion chamber (7) acting as launch tube for the hammer (6). Said compensating mass (15) which is freely rotating is braked and brought back in its initial position by a spring (38). The operating speed of the hammer (6) is provided by the gases of a micro-generator of pyrotechnical gas (2) mounted on a re-chargeable cylinder (16).

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