

Title (en)

FREE-PISTON DEVICE AND METHOD FOR OPERATING A FREE-PISTON DEVICE

Title (de)

FREIKOLBENVORRICHTUNG UND VERFAHREN ZUM BETREIBEN EINER FREIKOLBENVORRICHTUNG

Title (fr)

SYSTÈME À PISTON LIBRE ET PROCÉDÉ D'EXPLOITATION D'UN SYSTÈME À PISTON LIBRE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2007147789A1] The invention relates to a free-piston device comprising at least one piston cavity, in which at least one piston unit is mounted so that it can be displaced linearly. The piston unit or units can be driven by the action of a medium that expands in an expansion chamber. The piston cavity or cavities has/have a resilient-action chamber, which contains a compressible gas for exerting a restoring force on the piston unit or units and on which an actuator for controlling and/or regulating the restoring force during the operation of the free-piston device is mounted. The invention also relates to a method for operating a free-piston device.

IPC 8 full level

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See references of WO 2007147789A1

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DOCDB simple family (publication)

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