

Title (en)

Gradual action jack

Title (de)

Zylinder mit progressiver Wirkung

Title (fr)

Vérin à action progressive

Publication

**EP 2166233 A1 20100324 (FR)**

Application

**EP 08290872 A 20080917**

Priority

EP 08290872 A 20080917

Abstract (en)

The jack has a rod (2) sliding in a cylindrical jack body (1) and integrated with a piston (5). The piston has two surfaces (SA, SB) contacted with two chambers (A, B), respectively, where the piston delimits the chambers. The piston comprises a vent hole (11) for allowing a calibrated passage of gas generated by a pyrotechnic gas generator (4) between the chambers. The piston comprises borings (12) for passing the gas between the generator and one of the chambers. A compression spring is interposed between a cap (9) of the body and the piston.

Abstract (fr)

L'invention concerne un vérin du type comportant un générateur pyrotechnique de gaz (4) et comprenant un corps de vérin (1) cylindrique, dans lequel coulisse une tige (2) solidaire d'un piston (5), ledit piston (5) délimitant une première chambre (A) et une deuxième chambre (B), vérin caractérisé en ce que le piston (5) comporte au moins un évent (11) permettant le passage calibré du gaz engendré par le générateur (4) entre les deux chambres (A,B).

IPC 8 full level

**F15B 15/19** (2006.01)

CPC (source: EP)

**F15B 15/19** (2013.01); **F15B 15/204** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

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