

Title (en)
DEVICE FOR DISPENSING A PRESSURISED MATERIAL

Title (de)
VORRICHTUNG ZUR AUSGABE EINES UNTER DRUCK STEHENDEN MATERIALS

Title (fr)
DISPOSITIF DE DISTRIBUTION D'UN MATERIAU PRESSURISE

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Application
EP 17784371 A 20170927

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Abstract (en)
[origin: WO2018060594A1] The invention concerns a device (100) for dispensing a pressurised material, comprising a body (110) defining a pressurisation chamber (160) comprising a gas generator (130) and a tank (170) containing the material to be delivered, said tank being delimited by a bottom (140) provided with an outlet opening (141), the device further comprising a piston (150) configured to move inside the body (110), the piston separating the pressurisation chamber from the tank, the gas generator (130) being configured to trigger the dispensing of the material out of the body (110) through the outlet opening (141) by shifting the piston from a first material storage position to a second material dispensing end position in which the piston faces the bottom (140), the piston (150) having, in the first position, a housing (155) closed by a frangible portion (157) on the pressurisation chamber (160) side and open on the tank (170) side, the housing containing a rupture member (180) that is held in said housing and that defines a channel opening into the tank, said rupture member being longer than the housing and extending protruding from the piston in such a way that the frangible portion (157) is broken by the rupture member when the piston is in the second position.

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