

Title (en)
HIGH PRESSURE GAS CARTRIDGE

Publication
EP 0204503 B1 19900801 (EN)

Application
EP 86304055 A 19860528

Priority
• JP 11328985 A 19850528
• JP 15338385 A 19850713

Abstract (en)
[origin: EP0204503A2] A high pressure gas cartridge with a double safety device, comprises a sealing plate (2) with a safety mechanism (21) and a gas regulator (3) which is provided at a nearer portion than the sealing plate (2) in the passage (11) for the gas. Gas is charged in the body (1) speedily through a clearance (32) between the sealing plate (2) or the gas regulator (3) and the body (1). The safety mechanism (21) acts when the inner pressure rises excessively and checks the cartridge from rupturing or moving by letting the gas escape gradually. The gas regulator (3) regulates the gas flow to an amount which is enough for actuating a device or devices using the gas but which does not make the cartridge move or fly by reaction when the sealing plate (2) has broken and the gas becomes free for flowing out.

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F17C 13/06; **F17C 13/12**

IPC 8 full level
F17C 13/06 (2006.01); **F17C 13/12** (2006.01)

CPC (source: EP)
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Cited by
FR2723172A1; EP1437560A1; US7334607B2; WO2004061376A1

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