

Title (en)

PROCEDURE FOR CONTAINING FLUIDS UNDER PRESSURE AND STORAGE CONTAINER THEREFOR

Publication

EP 0296902 B1 19911211 (FR)

Application

EP 88401238 A 19880520

Priority

FR 8708605 A 19870619

Abstract (en)

[origin: JPS6458625A] PURPOSE: To produce a pressurized condition with propellant dispersion from an enclosed cartridge by opening a propellant-filled cartridge from a section weakened by exposure to the filled propellant on a wall of the cartridge. CONSTITUTION: A cartridge 8 is formed with a flexible silicone rubber tube the length of which corresponds to the size of a bag 11. This tube is filled with a liquid-phase propellant at a considerably low temperature. The cartridge 8 is introduced into the flexible bag 11 formed with an airtight foil material inactive for a fluid 13. The bag 11 is hermetically sealed. The silicone rubber wall of the cartridge 8 is dissolved into the propellant and discharges the gas to the outside after a certain period of time until it is sufficiently infiltrated and until the inside and outside pressure become balanced. The propellant partly changes to the vapor phase and swells the bag 11 to pressurize the liquid in a container 1a without bringing the liquid in the container 1a and the propellant into contact.

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B65D 83/14

IPC 8 full level

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