

Title (en)

GAS LOADING SYSTEM FOR HIGH-PRESSURE BOTTLES

Title (de)

GAS-LADESYSTEM FÜR HOCHDRUCKFLASCHEN

Title (fr)

SYSTEME DE CHARGEMENT DE BOUTEILLES DE GAZ SOUS HAUTE PRESSION

Publication

**EP 0840871 B1 19990526 (DE)**

Application

**EP 96924728 A 19960806**

Priority

- CH 9600274 W 19960806
- CH 226995 A 19950807

Abstract (en)

[origin: WO9706383A1] An injection circuit with an injection pump (7), an injection duct (6) and a double connecting line to the high-pressure bottle (11) to be filled allows the high-pressure bottle to be filled from an intermediate reservoir (1) or directly from the compressor (2) with no significant heating. The injection circuit dissipates the generated heat either by means of heat exchangers (15) or by mixing in the intermediate reservoir (1). The process is automated by means of a differential pressure switch (9) associated to a temperature sensor on the injection duct (6).

IPC 1-7

**F17C 5/06**

IPC 8 full level

**F17C 5/06** (2006.01); **F17C 13/00** (2006.01); **F17C 13/04** (2006.01)

CPC (source: EP)

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Cited by

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