

Title (en)

Process for dispensing gas from pressure vessels having a filling pressure of over 200 bars

Title (de)

Verfahren zur Gasentnahme aus Druckbehältern mit einem Fülldruck von über 200 bar

Title (fr)

Procédé de prélèvement de gaz des bouteilles sous pression dont la pression de remplissage est supérieure à 200 bars

Publication

EP 0532912 B1 19960117 (DE)

Application

EP 92113844 A 19920813

Priority

DE 4127697 A 19910821

Abstract (en)

[origin: EP0532912A1] The process relates to the dispensing of gas from pressure vessels having a filling pressure of over 200 bar. To be able to empty these pressure vessels in a technically simple and economic manner without having to give up existing systems for filling pressures up to a maximum of 200 bar, it is proposed, at a vessel pressure of more than 200 bar, to reduce the gas pressure according to the invention by means of a first pressure reducer (5) down to or below 200 bar and then to reduce it to working pressure by means of a second pressure reducer (8). At a vessel pressure in the course of gas dispensing or at a filling pressure of in each case below 200 bar, the first pressure reducer can be bypassed by means of a bypass line (7). <IMAGE>

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F17C 7/00

IPC 8 full level

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CPC (source: EP)

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Cited by

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