

Title (en)

METHOD AND DEVICE FOR FILLING A PRESSURE TANK WITH A FLUID

Title (de)

VERFAHREN UND VORRICHTUNG ZUM EINFÜLLEN EINES FLUIDS IN EINEN DRUCKTANK

Title (fr)

PROCEDE ET DISPOSITIF DE REMPLISSAGE D'UN RESERVOIR PRESSURISE AVEC UN FLUIDE

Publication

**EP 1165245 A1 20020102 (DE)**

Application

**EP 00918787 A 20000311**

Priority

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Abstract (en)

[origin: US6695017B1] To enable filling a pressure tank with a fluid without having to interrupt the use of the pressure tank, a method is provided for filling a pressure tank with a fluid from a refill tank that is disposed higher, whereby the tanks are interconnected via a gas connecting line and a fluid feed line. The method includes the regulation of the pressure in the pressure tank via a proportional valve disposed in a gas inlet line of the pressure tank, while the connecting lines to the refill tank are closed, the adjustment of the pressure in the refill tank to the pressure in the pressure tank, and the opening of the connecting lines between the refill tank and the pressure tank. Furthermore, an apparatus for carrying out the above method is provided.

IPC 1-7

**B05B 9/04**; **B05B 12/08**; **B67D 5/02**; **B67D 1/12**; **G05D 16/20**

IPC 8 full level

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CPC (source: EP KR US)

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