

Title (en)

METHOD AND DEVICE FOR FILLING BARRELS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM FÜLLEN VON GEBINDEN

Title (fr)

PROCEDE ET DISPOSITIF POUR REMPLIR DES FUTS

Publication

EP 0979207 A1 20000216 (DE)

Application

EP 98920505 A 19980408

Priority

- DE 19718130 A 19970429
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- EP 9802058 W 19980408

Abstract (en)

[origin: US6196277B1] Disclosed is a method for filling barrels (4), specially kegs, with liquids, wherein at least one gas is dissolved. The barrel (4) is pre-stressed using a gas before the liquid is filled. Liquid is then fed into the barrel (4) by means of a filling valve (2) pertaining to a filling station (1) and connected to a feed line (3, 8). During filling, the pre-stress gas contained in the barrel (4) is evacuated. In order to guarantee economical and ecological product processing, the pre-stress gas in the barrel (4) is pre-stressed at only a partial pressure which corresponds approximately to the saturation pressure of the CO₂ or N₂ which is dissolved in the filled liquid. The flow rate speed is measured in the product feed line and is directly adjusted by adapting the volumetric flow rate of said product.

IPC 1-7

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IPC 8 full level

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