

Title (en)

PROCESS FOR FILLING A TANK WITH CARBONATED BEVERAGES, PARTICULARLY BEER, AND DEVICE FOR CARRYING OUT THE PROCESS

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Application

EP 89101463 A 19890127

Priority

DE 3900089 A 19890103

Abstract (en)

[origin: EP0377069A1] A process for filling a tank (1) with carbonated beverages, particularly beer, which tank contains a film bag (5) to be filled with the beverage from below and is provided at the top with a connection fitting (3) which permits the escape and entry of a gas, the air situated between the outside of the film bag (5) and the tank wall (18) being expelled, when filling the film bag (5) with the beverage, via the connection fitting (3) due to the expanding film bag (5) until, for safety reasons, only a preset remaining space (17) remains between the film bag (5) and the tank wall (18), is to be developed further in such a way that it is possible, when filling conventional tanks (1) containing film bag (5), to fill the remaining space (17) only with CO₂ or a CO₂/air mixture, the oxygen content of which is negligible. This is achieved in that the air situated in the remaining space (17) is replaced by a gas, particularly carbon dioxide (CO₂), which behaves neutrally with respect to the beverage or is mixed with the neutral gas to such an extent that the oxygen content, due to the air, in the mixture is less than a preset minimum value. The invention also includes devices for carrying out the process. <IMAGE>

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