

Title (en)  
COUNTER-PRESSURE FILLING DEVICE FOR LIQUIDS IN CASKS

Publication  
**EP 0095601 A3 19840822 (DE)**

Application  
**EP 83104508 A 19830507**

Priority  
DE 3220135 A 19820528

Abstract (en)  
[origin: EP0095601A2] The counter-pressure filling device for filling casks or the like with liquids containing carbon dioxide possesses a filling member (3) having gas and liquid channels for connection to lines for the liquid to be introduced and for the feed and return gas. In order to obtain a slow pressure reduction, a valve (11) controlling the rise of the liquid is located in the return-gas line (4, 10). According to the invention, this valve is coupled to an actuating drive (12) and can be set at a counter-pressure matching the pressure in the liquid line and controlled in such a way that the counter-pressure in the return gas line is slowly reduced at a preselectable time interval as the liquid rises.

IPC 1-7  
**B67C 3/32**

IPC 8 full level  
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CPC (source: EP)  
**B67C 3/32** (2013.01)

Citation (search report)  
• DE 1202670 B 19651007 - ENZINGER UNION WERKE AG  
• DE 1163698 B 19640220 - ENZINGER UNION WERKE AG

Cited by  
FR2777877A1

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