

Title (en)  
BEVERAGE FILLING DEVICE

Title (de)  
GETRÄNKEABFÜLLVORRICHTUNG

Title (fr)  
DISPOSITIF POUR REMPLIR DES CONTENANTS AVEC UNE BOISSON

Publication  
**EP 1073586 B1 20021002 (DE)**

Application  
**EP 99915593 A 19990312**

Priority  
• DE 19817735 A 19980421  
• EP 9901651 W 19990312

Abstract (en)  
[origin: DE19817735C1] A device for filling containers with beverages involving the use of inert gas, comprising a fixed filling member (20), whereby the containers are fed to said filling member, and devices used to fill said containers with an inert gas before the filling process begins. The invention is characterized in that the part (19) of the filling member that comes into contact with the container (1) is arranged in a processing chamber (12) that surrounds the container in a filling position and which is impinged upon by inert gas, whereby said containers can be fed to the processing chamber via an inward transfer chamber (11) that can be sealed off from the outside and from the processing chamber by means of sluice gates (10.1,10.2).

IPC 1-7  
**B65B 31/02**

IPC 8 full level  
**B65B 31/02** (2006.01); **B67C 7/00** (2006.01); **B67C 3/26** (2006.01)

CPC (source: EP US)  
**B65B 31/025** (2013.01 - EP US); **B67C 7/0073** (2013.01 - EP US); **B67C 2003/228** (2013.01 - EP); **B67C 2003/2694** (2013.01 - EP US)

Cited by  
WO2021154894A1

Designated contracting state (EPC)  
BE DE ES FR GB IT

DOCDB simple family (publication)  
**DE 19817735 C1 19991111**; DE 59902941 D1 20021107; EP 1073586 A1 20010207; EP 1073586 B1 20021002; JP 2002512156 A 20020423; JP 4428547 B2 20100310; US 6457299 B1 20021001; WO 9954208 A1 19991028

DOCDB simple family (application)  
**DE 19817735 A 19980421**; DE 59902941 T 19990312; EP 9901651 W 19990312; EP 99915593 A 19990312; JP 2000544564 A 19990312; US 67372300 A 20001019