

Title (en)

DRINKING VESSEL DRY ICE FILLING APPARATUS AND METHOD

Title (de)

TROCKENEISFÜLLVORRICHTUNG FÜR TRINKGEFÄSS UND VERFAHREN

Title (fr)

APPAREIL ET PROCÉDÉ POUR CHARGER UN RÉCIPIENT POUR BOISSON AVEC DE LA GLACE SÈCHE

Publication

EP 2074359 B1 20170802 (EN)

Application

EP 07853805 A 20071005

Priority

- US 2007080608 W 20071005
- US 85000206 P 20061006
- US 86745907 A 20071004

Abstract (en)

[origin: US2008083763A1] The Invention is an apparatus and method for charging a dry ice drinking vessel with dry ice. A dry ice drinking vessel has a dry ice chamber communicating with an interior of the dry ice drinking vessel through perforations. A body selectably holds a filter in engagement with a perforation of the dry ice chamber. Liquid carbon dioxide is discharged from a pressure vessel through a valve and flashes into carbon dioxide gas, a portion of which freezes to dry ice. The carbon dioxide gas and dry ice flow through an orifice into the dry ice chamber. The dry ice is prevented from leaving the dry ice chamber by the filter.

IPC 8 full level

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CPC (source: EP US)

A47G 19/2288 (2013.01 - EP US); **F25D 3/125** (2013.01 - EP US); **F25D 31/008** (2013.01 - EP US)

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CN110200812A; WO2023277716A1

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