

Title (en)

Filling method and filling device for kegs

Title (de)

Füllverfahren und Füllvorrichtung für Fässer

Title (fr)

Procédé de remplissage et dispositif de remplissage pour fûts

Publication

**EP 1905729 A1 20080402 (EN)**

Application

**EP 07253779 A 20070924**

Priority

JP 2006262747 A 20060927

Abstract (en)

A filling device (10) includes: a liquid filling means (21) for filling a predetermined filling weight of a liquid into a container (40); and a temperature measurement means (24) for measuring a temperature of the liquid filled by the liquid filling means. In the filling device, in a case where a measured temperature of the liquid measured by the temperature measurement means is higher than a predetermined value, a filling speed of filling the liquid from the liquid filling means is reduced according to the measured temperature. Due to this, foaming action of beer can be suppressed without requiring a large volume of inert gas. It is preferable to reduce the filling speed of filling the liquid by a liquid control valve (26), which is arranged in a supply pipe line, and/or a pre-stress gas control valve (57).

IPC 8 full level

**B67C 3/30** (2006.01)

CPC (source: EP)

**B67C 3/30** (2013.01)

Citation (applicant)

- JP H02583744 A
- EP 1095897 A1 20010502 - GIMSON ENGINEERING LTD [GB]

Citation (search report)

[X] EP 1095897 A1 20010502 - GIMSON ENGINEERING LTD [GB]

Cited by

US8875752B2; WO2009121477A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1905729 A1 20080402; EP 1905729 B1 20121107**; CN 101152952 A 20080402; CN 101152952 B 20130605; JP 2008081156 A 20080410; JP 5030519 B2 20120919; TW 200821257 A 20080516; TW I337979 B 20110301

DOCDB simple family (application)

**EP 07253779 A 20070924**; CN 200710153484 A 20070920; JP 2006262747 A 20060927; TW 96134021 A 20070912