

Title (en)

METHOD AND INSTALLATION USED TO REGULATE THE FILLING OF A CONTAINER WITH A LIQUID

Title (de)

VERFAHREN UND VORRICHTUNG ZUM STEUERN DES FÜLLVORGANGS EINER FLÜSSIGKEIT IN EINEN BEHÄLTER

Title (fr)

PROCEDE ET INSTALLATION DE REGULATION DU REMPLISSAGE D'UN RECIPIENT AVEC UN LIQUIDE

Publication

EP 1567444 A1 20050831 (FR)

Application

EP 03789485 A 20031124

Priority

- FR 0303470 W 20031124
- FR 0215271 A 20021204

Abstract (en)

[origin: FR2848203A1] The process involves checking an opening of a container (7) and processing the opening for the passage of a liquid (2). The gas in the container is pushed back as and when the liquid is filled in the container from a source (S) through a snout. The flow of liquid into the container is regulated by controlling the gas that is pushed back from the container. An Independent claim is also included for an installation of replacing of a container with a liquid.

IPC 1-7

B67C 3/28; **B67C 3/26**; **B67C 3/06**; **B67C 3/12**

IPC 8 full level

B67C 3/06 (2006.01); **B67C 3/12** (2006.01); **B67C 3/26** (2006.01); **B67C 3/28** (2006.01)

CPC (source: EP)

B67C 3/06 (2013.01); **B67C 3/12** (2013.01); **B67C 3/2614** (2013.01); **B67C 3/286** (2013.01)

Citation (search report)

See references of WO 2004060790A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

FR 2848203 A1 20040611; **FR 2848203 B1 20050729**; AT E335705 T1 20060915; AU 2003294069 A1 20040729; DE 60307504 D1 20060921; DE 60307504 T2 20070315; EP 1567444 A1 20050831; EP 1567444 B1 20060809; ES 2270157 T3 20070401; WO 2004060790 A1 20040722; WO 2004060790 A8 20050428

DOCDB simple family (application)

FR 0215271 A 20021204; AT 03789485 T 20031124; AU 2003294069 A 20031124; DE 60307504 T 20031124; EP 03789485 A 20031124; ES 03789485 T 20031124; FR 0303470 W 20031124