

Title (en)  
FILLING ELEMENT AND FILLING SYSTEM

Title (de)  
FÜLLELEMENT SOWIE FÜLLSYSTEM

Title (fr)  
ÉLÉMENT DE REMPLISSAGE ET SYSTÈME DE REMPLISSAGE

Publication  
**EP 2984029 B1 20161123 (DE)**

Application  
**EP 14716242 A 20140405**

Priority  
• DE 102013103639 A 20130411  
• EP 2014000922 W 20140405

Abstract (en)  
[origin: WO2014166617A1] Filling element (1) of a filling system for filling containers (3) particularly in the form of cans with a liquid fill content, with a liquid port (6) formed in a fill element housing (5), which port forms at least one discharge opening (8) on the underside of said filling element (1) for discharging the fill content into the container (3) concerned, having a liquid valve (9) in the liquid port (6), having an open return gas tube (11) on the underside of said filling element (1), which tube encloses at a distance a flushing tube (15) arranged axially coincidentally with a filling element axis (FA).

IPC 8 full level  
**B67C 3/10** (2006.01); **B67C 3/26** (2006.01)

CPC (source: EP US)  
**B67C 3/10** (2013.01 - EP US); **B67C 3/2614** (2013.01 - EP US); **B67C 2003/2602** (2013.01 - EP US); **B67C 2003/2657** (2013.01 - EP US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**DE 102013103639 A1 20141016**; EP 2984029 A1 20160217; EP 2984029 B1 20161123; SI 2984029 T1 20170131; US 10029901 B2 20180724; US 2016060087 A1 20160303; WO 2014166617 A1 20141016

DOCDB simple family (application)  
**DE 102013103639 A 20130411**; EP 14716242 A 20140405; EP 2014000922 W 20140405; SI 201430097 A 20140405; US 201414783590 A 20140405