

Title (en)
FILLING ELEMENT

Title (de)
FÜLLELEMENT

Title (fr)
ÉLÉMENT DE REMPLISSAGE

Publication
EP 2697151 B1 20150401 (DE)

Application
EP 12715588 A 20120405

Priority
• DE 102011017263 A 20110415
• EP 2012001507 W 20120405

Abstract (en)
[origin: WO2012139731A1] Filling element (1, 1a) for filling containers with liquid contents, in particular for filling containers with liquid contents containing solid constituents, having at least one contents chamber (3), which is formed in a filling-element housing (2), and having a liquid valve (12, 12a, 12b), which is provided between the contents chamber (3) and at least one discharge opening (7.1) in the contents housing (2) and has at least one valve body (9, 9a, 9b) which can be moved between a position in which it closes at least one valve opening (6, 6a, 17), and thus blocks the liquid valve (12, 12a, 12b), and a position in which it releases the at least one valve opening (6, 6a, 17), and thus opens the liquid valve (12, 12a, 12b). The movement of the valve body (9, 9a, 9b) is selected in such a manner that the closing of the liquid valve (12, 12a, 12b) is carried out without a pump effect on the contents.

IPC 8 full level
B67C 3/26 (2006.01); **B67C 3/28** (2006.01)

CPC (source: EP US)
B67C 3/26 (2013.01 - US); **B67C 3/2608** (2013.01 - EP US); **B67C 3/28** (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 102011017263 A1 20121018; EP 2697151 A1 20140219; EP 2697151 B1 20150401; US 2014027015 A1 20140130;
WO 2012139731 A1 20121018

DOCDB simple family (application)
DE 102011017263 A 20110415; EP 12715588 A 20120405; EP 2012001507 W 20120405; US 201214111020 A 20120405