

Title (en)
FILLER ELEMENT AND FILLING SYSTEM

Title (de)
FÜLLELEMENT SOWIE FÜLLSYSTEM

Title (fr)
ÉLÉMENT DE REMPLISSAGE ET SYSTÈME DE REMPLISSAGE

Publication
EP 2788274 B1 20160203 (DE)

Application
EP 12791106 A 20121123

Priority
• DE 102011120164 A 20111206
• EP 2012004867 W 20121123

Abstract (en)
[origin: WO2013083239A1] The invention relates to a filler element for filling containers (2) with liquid contents. Said filler element comprises: a liquid channel (8), formed in a filler element housing (7), which channel can be permeated by the contents, at least one liquid valve (13) in the liquid channel (8), a dispensing opening (10) for dispensing the contents to the respective container (2) when the liquid valve (13) is open, which dispensing opening is provided downstream of the liquid valve (13) in the flow direction of the contents, and a fill level-determining element (17) which determines the desired fill level of the contents in the container (2) and extends through the filler element housing (7).

IPC 8 full level
B67C 3/00 (2006.01); **B67C 3/26** (2006.01)

CPC (source: EP US)
B67C 3/001 (2013.01 - EP US); **B67C 3/262** (2013.01 - EP US); **B67C 3/2637** (2013.01 - US); **B67C 2003/2685** (2013.01 - 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 102011120164 A1 20130606; EP 2788274 A1 20141015; EP 2788274 B1 20160203; SI 2788274 T1 20160429;
US 2014360624 A1 20141211; US 9790072 B2 20171017; WO 2013083239 A1 20130613

DOCDB simple family (application)
DE 102011120164 A 20111206; EP 12791106 A 20121123; EP 2012004867 W 20121123; SI 201230471 T 20121123;
US 201214363021 A 20121123