

Title (en)
FILLING SYSTEM AND FILLING MACHINE FOR FILLING CONTAINERS

Title (de)
FÜLLSYSTEM SOWIE FÜLLMASCHINE ZUM FÜLLEN VON BEHÄLTERN

Title (fr)
SYSTÈME ET MACHINE DE REMPLISSAGE DE RÉCIPIENTS

Publication
EP 2996980 B1 20180725 (DE)

Application
EP 14721205 A 20140419

Priority
• DE 102013104938 A 20130514
• EP 2014001078 W 20140419

Abstract (en)
[origin: WO2014183827A1] The invention relates to a filling system for filling containers (9) with a liquid product, comprising at least one filling element (2, 2a-2g), a filling element housing (6) which is arranged below or laterally of a filling product reservoir (3) relative to a vertical filling-element axis (FA), and a liquid-carrying duct (7) formed in the filling element housing (6), said duct communicating with the filling product reservoir (3) and defining on a lower side of the filling element housing (6) at least one filling product discharge opening (8). The filling system further comprises at least one liquid valve (10) arranged in the liquid-carrying duct (7).

IPC 8 full level
B67C 3/26 (2006.01)

CPC (source: EP US)
B67C 3/10 (2013.01 - US); **B67C 3/2608** (2013.01 - EP US); **B67C 3/2617** (2013.01 - EP US); **B67C 3/2634** (2013.01 - EP US);
B67C 2003/2651 (2013.01 - EP US); **B67C 2003/2677** (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 102013104938 A1 20141120; EP 2996980 A1 20160323; EP 2996980 B1 20180725; SI 2996980 T1 20181030;
US 2016115009 A1 20160428; US 9856125 B2 20180102; WO 2014183827 A1 20141120

DOCDB simple family (application)
DE 102013104938 A 20130514; EP 14721205 A 20140419; EP 2014001078 W 20140419; SI 201430819 T 20140419;
US 201414891437 A 20140419