

Title (en)

Multi-component filling machine for filling containers with liquids

Title (de)

Mehrkomponenten-Füllmaschine zum Befüllen von Behältern mit Flüssigkeiten

Title (fr)

Machine de remplissage à plusieurs composants pour le remplissages de récipients avec des liquides

Publication

EP 2650253 B1 20150121 (DE)

Application

EP 13159678 A 20130318

Priority

DE 102012205901 A 20120411

Abstract (en)

[origin: EP2650253A1] The filling apparatus (100) has two product storage containers (111,112) for storing the liquid, and an evenly distributed filling station (101) for filling the containers (150). Two filling pipes (105) are arranged in a filling pipe bundle of the filling station, such that the position of the container is maintained with respect to the filling station in a horizontal direction during the filling operation. An independent claim is included for method for filling liquid.

IPC 8 full level

B67C 3/02 (2006.01)

CPC (source: EP)

B67C 3/023 (2013.01); **B67C 7/0026** (2013.01)

Cited by

EP3409595A1; CN117228611A; CN114524402A; US11975348B2; WO2023156278A1; US11524883B2; US11267684B2; WO2021063645A1

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)

EP 2650253 A1 20131016; EP 2650253 B1 20150121; CN 103373688 A 20131030; CN 103373688 B 20160420;
DE 102012205901 A1 20131017

DOCDB simple family (application)

EP 13159678 A 20130318; CN 201310125240 A 20130411; DE 102012205901 A 20120411