

Title (en)

Device and method for loss-free filling of continuously mixed products in containers

Title (de)

Vorrichtung und Verfahren zum verlustfreien Abfüllen von kontinuierlich gemischten Medien in Behältnisse

Title (fr)

Dispositif et procédé de remplissage sans perte de produits mélangés en continu dans des récipients

Publication

EP 2314538 B1 20130717 (DE)

Application

EP 10188157 A 20101020

Priority

DE 102009050388 A 20091022

Abstract (en)

[origin: EP2314538A1] The device (10) has a mixing tank (20) for accommodating and mixing of two different products, where one of the products is fluid. A closure device (40) closes an outflow (21) from the mixing tank, and a filling valve (53) fills-up mixed products from the mixing tank in a container. A connecting pipe (50) includes an aeration pipe that is arranged between the outflow and the mixing tank, where the aerator ventilates the connecting pipe for the filling valve. A hollow body is provided with two air inlets for ventilating a hollow space in the hollow body. An independent claim is also included for a method for loss-free filling continuously mixed products in a container.

IPC 8 full level

B67C 3/20 (2006.01); **B67C 3/04** (2006.01)

CPC (source: EP US)

B67C 3/023 (2013.01 - EP US); **B67C 3/04** (2013.01 - EP US); **B67C 3/204** (2013.01 - EP US)

Cited by

US9205937B2; US11807510B2; WO2012007075A1; WO2020057784A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2314538 A1 20110427; **EP 2314538 B1 20130717**; CN 102040183 A 20110504; CN 102040183 B 20130828; DE 102009050388 A1 20110428; US 2011108155 A1 20110512; US 8662114 B2 20140304

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