

Title (en)

SYSTEM FOR EMPTYING A CONTAINER FILLED WITH FREE-FLOWING MEDIUM

Title (de)

SYSTEM ZUR ENTLEERUNG EINES MIT FLIESSFÄHIGEM MEDIUM GEFÜLLTEN BEHÄLTERS

Title (fr)

SYSTÈME POUR VIDER UN RÉCIPIENT REMPLI D'UN MILIEU COULANT

Publication

EP 2699337 A1 20140226 (DE)

Application

EP 12717194 A 20120418

Priority

- DE 102011018433 A 20110420
- EP 2012001678 W 20120418

Abstract (en)

[origin: CA2830967A1] The invention relates to a system for emptying a container filled with free-flowing medium, comprising the following: a container (3) in which a product mass is homogenised by mixing; a discharge device (4) which is formed close to an inner wall of the container (3) and is introduced into the container (3) after the completion of the mixing, and a means (5) for applying pressure to the discharge device (4) in such a way that the discharge device presses the homogenised/mixed product mass downwards in the direction of the base of the container (3), where the homogenised/mixed product mass is discharged through an opened outlet valve of the container (3).

IPC 8 full level

B01F 15/02 (2006.01); **B01F 7/16** (2006.01); **B01F 15/00** (2006.01)

CPC (source: EP US)

B01F 27/806 (2022.01 - EP US); **B01F 35/453** (2022.01 - EP US); **B01F 35/4531** (2022.01 - EP US); **B01F 35/75425** (2022.01 - EP US); **B01F 35/7547** (2022.01 - US)

Citation (search report)

See references of WO 2012143129A1

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 102011018433 A1 20121025; **DE 102011018433 B4 20121213**; CA 2830967 A1 20121026; EP 2699337 A1 20140226; US 2014369158 A1 20141218; WO 2012143129 A1 20121026; WO 2012143129 A4 20130103

DOCDB simple family (application)

DE 102011018433 A 20110420; CA 2830967 A 20120418; EP 12717194 A 20120418; EP 2012001678 W 20120418; US 201214112688 A 20120418