

Title (en)

SEPARATION AND RETURN SYSTEM FOR FOODSTUFFS

Title (de)

ABSCHEIDE- UND RÜCKFÜHRUNGSSYSTEM VON LEBENSMITTELN

Title (fr)

SYSTÈME DE SÉPARATION ET DE RENVOI DE PRODUITS ALIMENTAIRES

Publication

EP 2729367 B1 20150318 (DE)

Application

EP 12733104 A 20120704

Priority

- DE 102011051604 A 20110706
- EP 2012063059 W 20120704

Abstract (en)

[origin: WO2013013945A1] The invention relates to a separation and return system for foodstuffs, in which liquid portions of foodstuffs, which are supplied to, for example, a metering or packaging system and are not integrated into the respective process of metering or packaging, are returned into the corresponding storage containers via a return system. The active transport of the liquid portions is carried out by a vacuum compressor (7) to which the separation system is mounted upstream for security-relevant reasons. By using the combination of separation system and return system, liquid portions are utilized which are otherwise not transferred into the respective operational process.

IPC 8 full level

B65B 3/14 (2006.01); **B65B 37/14** (2006.01); **B67D 7/02** (2010.01); **B67D 7/72** (2010.01); **F04F 3/00** (2006.01)

CPC (source: EP)

B65B 3/14 (2013.01); **B65B 37/14** (2013.01); **F04F 3/00** (2013.01)

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 102011051604 A1 20130110; EP 2729367 A1 20140514; EP 2729367 B1 20150318; WO 2013013945 A1 20130131

DOCDB simple family (application)

DE 102011051604 A 20110706; EP 12733104 A 20120704; EP 2012063059 W 20120704