

Title (en)

Method for drying and/or crystallising bulk material and plant for carrying out this method

Title (de)

Verfahren zum Trocknen und/oder Kristallisieren von Schüttgut sowie Anlage zur Durchführung eines solchen Verfahrens

Title (fr)

Procédé de séchage et/ou de cristallisation de produits en vrac et installation d'exécution d'un tel procédé

Publication

EP 2886984 A3 20160120 (DE)

Application

EP 14004216 A 20141215

Priority

DE 102013022092 A 20131218

Abstract (en)

[origin: US2015176896A1] In a method for drying and/or crystallizing bulk material, a drying medium is passed through bulk material present in a drying chamber and the drying chamber with the bulk material is put under a partial vacuum at least for part of a drying time of the bulk material. A device for performing the method has at least one drying container with a drying chamber for bulk material, at least one supply line for a drying medium connected to the at least one drying container, and at least one return air line connected to the at least one drying container. At least one partial-vacuum generator is provided to put at least the drying chamber under a partial vacuum at least for part of a drying time of the bulk material.

IPC 8 full level

F26B 17/12 (2006.01); **F26B 5/04** (2006.01); **F26B 21/10** (2006.01)

CPC (source: EP US)

F26B 5/041 (2013.01 - US); **F26B 17/128** (2013.01 - EP US); **F26B 21/10** (2013.01 - EP US); **F26B 25/04** (2013.01 - EP US)

Citation (search report)

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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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 14004216 A 20141215; BR 102014031694 A 20141217; CN 201410858384 A 20141218; DE 102013022092 A 20131218; US 201414574465 A 20141218