

Title (en)

DRYING INSTALLATION HAVING A PLURALITY OF FIXED-LOCATION CHAMBERS

Title (de)

TROCKNUNGSANLAGE MIT MEHREREN ORTSFESTEN KAMMERN

Title (fr)

INSTALLATION DE SÉCHAGE COMPRENANT UNE PLURALITÉ DE CHAMBRES DE SÉCHAGE FIXES

Publication

**EP 3120092 A1 20170125 (DE)**

Application

**EP 15711712 A 20150317**

Priority

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- EP 2015055563 W 20150317

Abstract (en)

[origin: WO2015140169A1] In the case of a drying installation (2) having a plurality of drying chambers (1), which each have a non-continuous base (3), an air inlet (4) beneath the base (3), an air outlet (10) at a distance above the base (3), and also a filling opening (8) for granules which are to be dried and an emptying opening (5) for dried granules, and having a charging line (7), by means of which granules which are to be dried are led from a granule source to a drying chamber (1), the invention proposes that the drying chambers (1) are installed at a fixed location and a respective charging line (7) leads to each of the drying chambers, each of the drying chambers (1) is connected to a common material-discharging apparatus, and a changeover valve is provided, the entrance of the latter being connected to the granule source and the exit having a plurality of outlets (18), wherein a respective charging line (7) leads from an outlet (18) to a filling opening (8) of a drying chamber (1), and wherein the changeover valve can be changed over so as to free in each case a flow of granules from the granule source to a certain one of the plurality of drying chambers, and that air-supply channels are provided, of which one, in the form of a main air channel (20), leads a first, relatively large quantity of drying air, referred to as the main quantity of air, to an air inlet (4) of a drying chamber (1) and another, in the form of an air sub-channel (19), leads a second, smaller quantity of drying air, referred to as the sub-quantity of air, to the charging line (7) of the same drying chamber (1).

IPC 8 full level

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CPC (source: EP US)

**F16K 11/087** (2013.01 - US); **F16K 27/067** (2013.01 - US); **F26B 3/06** (2013.01 - EP); **F26B 3/08** (2013.01 - EP US); **F26B 3/082** (2013.01 - US); **F26B 9/06** (2013.01 - EP); **F26B 17/10** (2013.01 - US); **F26B 17/18** (2013.01 - US); **F26B 25/002** (2013.01 - EP)

Citation (search report)

See references of WO 2015140169A1

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