

Title (en)

METHOD AND DEVICE FOR MIXING AND METERING SOLID MATERIALS TO BE METERED INTO A CARRIER LIQUID

Title (de)

VERFAHREN UND VORRICHTUNG ZUM MISCHEN UND DOSIEREN FESTER DOSIERGÜTER IN EINE TRÄGERFLÜSSIGKEIT

Title (fr)

PROCÉDÉ ET DISPOSITIF DE MÉLANGE ET DE DOSAGE DE MATIÈRES À DOSER SOLIDES DANS UN LIQUIDE PORTEUR

Publication

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Application

EP 15705190 A 20150129

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Abstract (en)

[origin: WO2015117739A1] The invention relates to a method for mixing and metering solid materials (Z, B) to be metered, such as at least one cereal (Z), in particular a solid, particulate, swellable cereal (Z), and/or at least one other small-size addition (B), into a carrier liquid (TF), wherein a mixture (G) of the carrier liquid (TF) and the at least one solid material (Z, B) to be metered is produced using said method. The invention also relates to a device for carrying out the method. According to the proposed method, this is achieved in that each of the at least one solid material (Z, B) to be metered is formed as a constant volumetric flow rate of the at least one solid material (Q*) to be metered, and the volumetric flow rate of air (QL), when seen in the flow direction of the provided volume (V), encounters the constant volumetric flow rate of the at least one solid material (Q*) to be metered such that the volumetric flow rate of air (QL) functions as a mixing, drying, discharging, and carrier medium for the at least one solid material (Z, B) to be metered.

IPC 8 full level

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Citation (search report)

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