

Title (en)

A METHOD FOR COOLING FERTILIZERS AND A SYSTEM FOR COOLING FERTILIZER

Title (de)

VERFAHREN ZUM KÜHLEN VON DÜNGEMITTELN UND SYSTEM ZUM KÜHLEN VON DÜNGEMITTELN

Title (fr)

PROCÉDÉ DE REFROIDISSEMENT D'ENGRAIS ET SYSTÈME DE REFROIDISSEMENT DE FERTILISANT

Publication

**EP 3147588 A1 20170329 (EN)**

Application

**EP 15461564 A 20150923**

Priority

EP 15461564 A 20150923

Abstract (en)

A method for cooling fertilizer, according to the invention, in cooler outside air at atmospheric pressure whose flow is induced fan, characterized in that the outside air prior to delivery to the cooler (1) is compressed in at least one compressor (3) to a pressure of between 4 to 15 bar are discharged from any excess water and dried, and then expanded to approximately atmospheric pressure. A system for cooling fertilizer, according to the invention, containing a fertilizer cooler, fan, characterized in that the has at least one compressor (3), compressing air to a pressure in the range of 4 to 15 bar, connected to a wet tank (4) which is connected to the air dehumidifier (5), which are connected via the expansion device (6) of the fertilizer cooler (1) before the inlet of outside air to the cooler (1).

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

CN 104406377 A 20150311 - ZUNYI LIANGU AGRICULTURAL TECHNOLOGY CO LTD

Citation (search report)

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Cited by

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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

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