

Title (en)  
DEVICE FOR DRYING MATERIALS IN GRANULES

Title (de)  
VORRICHTUNG ZUM TROCKNEN VON KÖRNIGEM GUT

Title (fr)  
DISPOSITIF POUR LE SÉCHAGE DE MATÉRIAUX EN GRANULÉS

Publication  
**EP 4303513 A1 20240110 (EN)**

Application  
**EP 23176283 A 20230531**

Priority  
IT 202200014086 A 20220704

Abstract (en)  
A device (1) for drying materials in granules, which comprises a drying body (2) which defines internally a drying chamber (3); the drying chamber (3) defines, downwardly, a delivery port (4) which is connected to means for producing a flow of hot air (5), feeding means (6) being provided for feeding the materials in granules to be dried into the drying chamber (3), the drying chamber (3) defining, downwardly, a first region arranged above the delivery port (4), above the first region (3a) there being a second region (3b) which has an internal chamber (10) which extends axially, communicates downwardly with the first region (3a) and is designed to be crossed upwardly from below by the material being dried, the internal chamber (10) being provided upwardly with an outlet port (11) for the dried material, the second region (3b) defining, outside the internal chamber (10), a discharge region (12) for the dried material which communicates with the outlet port (11) of the internal chamber (10) and is provided with conveying means (13) for conveying the dried material toward at least one discharge port (14) for the dried material.

IPC 8 full level  
**F26B 17/10** (2006.01); **F26B 25/00** (2006.01)

CPC (source: EP)  
**F26B 17/101** (2013.01); **F26B 17/103** (2013.01); **F26B 17/104** (2013.01); **F26B 25/002** (2013.01); **F26B 2200/06** (2013.01)

Citation (applicant)  
IT 202200014086 A1

Citation (search report)  
• [XI] US 3544089 A 19701201 - LEDENT PIERRE  
• [X] FR 625648 A 19270816  
• [X] CN 112856935 A 20210528 - HEBEI HAOKAI AGRICULTURAL MACHINERY CO LTD

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
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