

Title (en)
DRYER AND METHOD FOR DRYING MATERIAL

Title (de)
TROCKNER UND VERFAHREN ZUM TROCKNEN VON MATERIAL

Title (fr)
SÉCHOIR ET PROCÉDÉ DE SÉCHAGE DE MATIÈRE

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Application
EP 13799978 A 20130531

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Abstract (en)
[origin: WO2013182744A2] The dryer (100) for drying material according to the invention comprises the first end (208) and the second end (201), and the material to be dried is provided to be fed to the dryer from the first end and to be discharged from the second end. The dryer comprises a conveying space (202) for the conveying arrangement (210, 211) of the material to be dried, and a drying gas space (204). When the dryer is in its drying position, the drying gas space is above the conveying space, and the drying gas space is divided into compartments (203, 207, 209), and the drying gas is provided to flow at least between some compartments through the conveying space. The conveying space is formed in a way that at least in some points it comprises positions where the drying gas flows through the material to be dried, when the conveying arrangement is conveying the material to be dried, that is, when the dryer is in operation. At least one path is provided for the drying gas through the dryer, where it flows alternating through the drying gas space and the conveying space. There may be also several paths, and they may be joined together or branched out. The dryer can be used for drying bulk material.

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Citation (search report)
• [Y] US 4058907 A 19771122 - LIPP EBERHARD, et al
• [Y] US 3475832 A 19691104 - KUELLING WALTER
• [A] WO 2007040318 A1 20070412 - JEONGWOO MS CO LTD [KR], et al
• [A] WO 03055615 A1 20030710 - HOOD ENVIRONMENTAL ENGINEERING [CA], et al
• See references of WO 2013182744A2

Designated contracting state (EPC)
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