

Title (en)

Apparatus and method for the pelletisation of powdered or granular material

Title (de)

Vorrichtung und Verfahren zur Pelletierung von pulverförmigem oder körnigem Material

Title (fr)

Appareil et procédé de pelletisation de matériau en poudre ou granuleux

Publication

EP 2781865 A1 20140924 (EN)

Application

EP 13160434 A 20130321

Priority

EP 13160434 A 20130321

Abstract (en)

Plant and method for pelletizing a granular and/or powder material and for drying of the extruded pellets. A closed system circulating drying air is used, thus making the use of a filter superfluous by eliminating the risk of dispersing powders, micro-powders, polluting substances and bad odours in the environment. The plant comprises a closed circuit (10) for circulating a drying air flow, wherein a flow of pellets to be dried is inserted, said closed circuit comprising an air flow pumping device (12), an air cooling device (13), a device (14) for condensing the humidity transported by the air flow, and a device (16) for extracting the resulting water, so as to obtain an air flow with reduced water content, and a drying chamber (5), wherein the air flow with reduced water content intersects said flow of pellets to be dried.

IPC 8 full level

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CPC (source: EP)

F26B 1/00 (2013.01); **F26B 21/086** (2013.01); **F26B 25/002** (2013.01); **F26B 17/08** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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