

MD.5.

Title

INSTALLATION FOR DRYING GRANULAR PRODUCTS IN A SUSPENDED LAYER

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Description

EN

The invention relates to a plant for drying granular products in a suspended layer, and can be applied to enterprises in the food industry, in research laboratories and research centers related to the drying process. The essence of the invention consists in the following: The installation for drying granular products in a suspended layer, allows to obtain a product with increased quality indices, due to the removal from the microwave area of influence of each particle when it has dried to final humidity. . At the same time, the air tube, where the product dries and moves, has a square cross section, which ensures a laminar flow of air flow inside the drying area, but also on the entire tube. This gives a uniform heat treatment for the product, which has a positive influence on its quality. Also, the drying quality of the finished product is positively influenced due to the possibility of adjusting the drying area, by moving the drying chamber vertically in relation to the middle area of the tube.

Class no.

3. Agriculture and Food Industry