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## InventCor

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7.

**Title:** PLANT FOR DRYING GRANULATED PRODUCTS IN A SUSPENDED LAYER

**Patent/project number:** MD 1558 Y

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**Institution:** Technical University of Moldova

**Category:** H

**Description:** The invention relates to drying techniques, in particular to drying plants of granular products in suspended layer, and can be used in food industry enterprises, in laboratories and research centers.

The plant, according to the invention, comprises a body (1) and a pipe (6). On the body (1) is rigidly mounted a control panel (3) for actuating an inverter (2), a fan (4) for air suction by means of a filter (11), and a microwave generator (15) with a drying chamber (14), mounted on a support (8). On the fan (4) is mounted the pipe (6), to the upper part of which are attached a feed hopper (5) for loading the product, an outlet manifold (9) and a perforated receiver (10).

**State of development:** Implemented at the enterprise "S.C. AZAMET-GRUP S.R.L."

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**Presentation link:** <https://youtu.be/EOeMDyktees>