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Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

United States Patent

Grants to the person or persons having title to this patent the right to exclude others from making, using or selling the invention throughout the United States of America for the term of seventeen years from the date of this patent, subject to the payment of maintenance fees as provided by law.

[Signature]

Commissioner of Patents and Trademarks

Melvinia Gary





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# United States Patent [19]

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**Debolini**

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[54] **DRYER, PARTICULARY FOR GRANULAR OR POWDERED PRODUCTS**

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[58] **Field of Search** ..... 34/179, 180, 183;  
366/288, 312

[57] **ABSTRACT**

The dryer includes a double-walled casing, the inner wall of which defines a cylindrical drying chamber for receiving the products and the outer wall and the inner wall of which define between them an interspace for the circulation of a diathermic fluid. A shaft is mounted in the chamber and has a motor for rotating it about its own axis and at least one mixing blade fixed to it which, on rotation of the shaft, can exert a mixing action on the product and can detach it from the inner wall of the casing. The shaft is mounted eccentrically of the longitudinal axis of the chamber and has a motor rotating it about the longitudinal axis of the chamber.

[56] **References Cited**

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**10 Claims, 4 Drawing Sheets**

