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[Name of the Document] ABSTRACT

[Abstract] DRYING APPARATUS

[Object] To provide a drying apparatus with excellent drying efficiency that is free from stagnation of a to-be-dried material and engagement thereof, can utilize the whole area of a heating surface effectively.

[Solution Means] A drying apparatus 1 is such that a rotary rolling-up impeller 5 composed of a plurality of base blades 5a is installed rotatably around the rotation shaft 5b in a drying tank 4 in which a heating surface 2 is formed. Each of the base blades 5a has a planar surface 8 of an elongated shape that extends slantingly upward from one end 18 to the other end 19 facing toward the opposite direction to a rotation direction R and clearance U is formed between an outer rim 10a and the heating surface 2. Further, one end 18 of the planar surface 8 integrally joins to a scraping plate 20, and a protrusion is provided from an outermost end of this scraping plate 20 in the rotation direction R.

[Selected Drawing] Fig. 1



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