

Title (en)
Thin-film contact dryer.

Title (de)
Dünnschichtkontakttrockner.

Title (fr)
Séchoir par contact à couche mince.

Publication
EP 0017040 A1 19801015 (DE)

Application
EP 80101291 A 19800313

Priority
DE 2911549 A 19790323

Abstract (en)
[origin: US4420892A] The thin film contact dryer consists of a rotor having flat rotor elements extending in a radial direction. In the central third of the rotor is arranged at least one combination of distributing elements and an annular weir which revolves with the rotor and leaves a narrow annular gap open to the internal dryer wall, the annular weir being arranged immediately downstream of the distributing elements as viewed in the direction of flow.

Abstract (de)
Der Dünnschichtkontakttrockner besteht aus einem Rotor 2 mit flachenförmigen, sich in radialer Richtung erstreckenden Rotorelementen 3. Im mittleren Drittel des Rotors 2 ist mindestens eine Kombination von Verteilelementen 12 und ein mit dem Rotor umlaufendes Ringwehr 13 angebracht, das zur inneren Trocknerwand 9 einen schmalen Ringspalt 15 offen läßt, wobei in Strömungsrichtung gesehen das Ringwehr 13 unmittelbar hinter den Verteilelementen angeordnet ist.

IPC 1-7
F26B 11/16; F26B 3/22

IPC 8 full level
B01D 1/22 (2006.01); **B01D 1/24** (2006.01); **F26B 3/22** (2006.01); **F26B 11/16** (2006.01); **F26B 17/18** (2006.01); **F26B 17/20** (2006.01); **F26B 17/28** (2006.01)

CPC (source: EP US)
F26B 3/22 (2013.01 - EP US); **F26B 11/16** (2013.01 - EP US); **F26B 17/20** (2013.01 - EP US)

Citation (search report)

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BE CH DE FR GB IT NL

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EP 0017040 A1 19801015; EP 0017040 B1 19830302; DE 2911549 A1 19800925; DE 2911549 C2 19811001; DE 3062161 D1 19830407; JP S55149603 A 19801121; JP S63133301 U 19880831; US 4420892 A 19831220

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EP 80101291 A 19800313; DE 2911549 A 19790323; DE 3062161 T 19800313; JP 1224888 U 19880202; JP 3482680 A 19800321; US 34379182 A 19820129