

Title (en)

Rotary drying drum.

Title (de)

Drehender Trockenzylinder.

Title (fr)

Tambour de séchage rotatif.

Publication

EP 0122215 A2 19841017 (EN)

Application

EP 84630035 A 19840307

Priority

US 47330983 A 19830308

Abstract (en)

A cylindrical, rotary drying drum (10), which is adapted to rotate about its horizontally disposed longitudinal axis (14) is equipped with a plurality of spoiler bars (12) mounted to its inner peripheral surface (20). The spoiler bars (12) extend coaxially with the axis of rotation and are circumferentially spaced from one another according to the expression $S = \pi \sqrt{Rh}$ (1.50 +/- 0.25) and have a height H in cm determined by the expression $H = @ (1.0 \pm 0.25)$ where R is the radius of the drum's inner surface, h is the condensate (16) thickness, and N is the number of spoiler bars mounted within the dryer drum.

IPC 1-7

D21F 5/02

IPC 8 full level

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CPC (source: EP KR)

D21F 5/00 (2013.01 - KR); **D21F 5/021** (2013.01 - EP); **D21F 5/028** (2013.01 - EP)

Cited by

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Designated contracting state (EPC)

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EP 0122215 A2 19841017; **EP 0122215 A3 19850522**; BR 8401115 A 19841016; ES 530341 A0 19850201; ES 8503118 A1 19850201; FI 840928 A0 19840307; FI 840928 A 19840909; JP S59176574 A 19841005; JP S6213592 B2 19870327; KR 840007922 A 19841211; NO 840829 L 19840910; ZA 841573 B 19841031

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