

Title (en)

CLEANING APPARATUS AND METHOD FOR A MATERIAL DRYER

Title (de)

REINIGUNGSVORRICHTUNG UND -VERFAHREN FÜR EINEN MATERIALTROCKNER

Title (fr)

APPAREIL ET PROCÉDÉ DE NETTOYAGE POUR SÉCHEUR À MATÉRIAUX

Publication

EP 2539658 A4 20170816 (EN)

Application

EP 11748056 A 20110224

Priority

- US 30816610 P 20100225
- US 2011026059 W 20110224

Abstract (en)

[origin: WO2011106514A2] A flushing system for a dryer includes a support ring, a tubing ring fixed to the support ring, wherein the tubing ring comprises an inner diameter and an outer diameter, a fluid source in fluid communication with the inner diameter of the tubing ring, and a plurality of openings disposed around a circumference of the tubing ring configured to expel fluid from the tubing ring. A method of flushing a solids outlet of a material dryer separating a mixture of solids and liquids into a solids phase and a liquid phase, collecting the solids phase in a discharge chamber section, providing a flow of fluid to an inner diameter of a tubing ring, expelling the fluid through a plurality of openings disposed in the tubing ring, and removing accumulated solids from a wall of the discharge chamber section of the material dryer.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- [X] US 4241744 A 19801230 - JORDAN NATHANIEL SR [US]
- [I] CN 2748181 Y 20051228 - ZHANGJIAGANG HUADA CENTRIFUGAL [CN]
- [I] JP H08192077 A 19960730 - MITSUI PETROCHEMICAL IND
- See references of WO 2011106514A2

Designated contracting state (EPC)

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