

Title (en)

Apparatus and method for wetting particles with a fluid

Title (de)

Verfahren und Vorrichtung zum Benetzen von Partikeln mit einem Fluid

Title (fr)

Appareil et procédé pour mouiller des particules avec un liquide

Publication

**EP 0728562 A3 19970319 (DE)**

Application

**EP 96101889 A 19960209**

Priority

DE 19506353 A 19950223

Abstract (en)

[origin: EP0728562A2] The method involves spraying a fluid through at least one jet into a supply line with the particles flowing through it. At least one jet (24), fitted in one region of the supply line, has an extension with a cross section of diffuser form. The supply line in front of the extension has a sector of reduced cross section (22). A drying device (10 may be fitted before the wetting zone. The supply line may have injectors to feed in steam. A device to measure the throughput of the particles may be fitted.

IPC 1-7

**B27N 1/02**

IPC 8 full level

**B27N 1/02** (2006.01)

CPC (source: EP US)

**B27N 1/02** (2013.01 - EP US)

Citation (search report)

- [X] DE 1632450 A1 19701210 - DRAISWERKE GMBH
- [A] US 5064689 A 19911112 - YOUNG SR RICHARD H [US], et al
- [A] US 4116163 A 19780926 - TORELLI ALDO, et al
- [DA] DE 3143895 A1 19830511 - TRIANGEL SPANPLATTEN KG [DE]

Cited by

EP2431144A1; WO2005039842A1; WO2012034646A1; CN103459107A; EP2179826A1; EP1504865A3; DE10153593A1; DE10153593B4; DE19930800A1; DE10059881A1; DE10059881B4; US6984266B2; US7094309B2; US9114577B2; WO0007785A1; EP2563558B1; EP2563558A1

Designated contracting state (EPC)

BE DE ES FR GB IT PT SE

DOCDB simple family (publication)

**EP 0728562 A2 19960828; EP 0728562 A3 19970319; EP 0728562 B1 20020605;** CA 2170207 A1 19960824; DE 19506353 A1 19960829; DE 59609274 D1 20020711; US 5827566 A 19981027

DOCDB simple family (application)

**EP 96101889 A 19960209;** CA 2170207 A 19960223; DE 19506353 A 19950223; DE 59609274 T 19960209; US 60475496 A 19960223