

Title (en)

Process for drying flammable material

Title (de)

Verfahren zur Trocknung von entzündlichem Trocknungsgut

Title (fr)

Procédé pour le séchage de matériau inflammable

Publication

EP 1418394 A3 20060329 (DE)

Application

EP 03450250 A 20031110

Priority

AT 16822002 A 20021108

Abstract (en)

[origin: EP1418394A2] After leaving a drier (3), drying air/gas passes into a cooling device (21) to exchange heat with cooling water and returns into a heater device (9) via a closed pipe network (14,19,28,34). The cooling water in the cooling device runs through a closed circuit and its temperature is controlled from a drying air/gas temperature of about 80degrees Celsius upwards.

IPC 8 full level

F26B 23/02 (2006.01); **F26B 17/26** (2006.01); **F26B 21/04** (2006.01); **F26B 25/00** (2006.01)

CPC (source: EP)

F26B 17/26 (2013.01); **F26B 21/04** (2013.01); **F26B 23/022** (2013.01); **F26B 25/005** (2013.01)

Citation (search report)

- [XY] WO 0216848 A1 20020228 - TEKMA KUIVAAMOT OY [FI], et al
- [Y] EP 0124997 A2 19841114 - BOC GROUP INC [US]
- [A] DE 2800238 A1 19790705 - FRAUNHOFER GES FORSCHUNG
- [A] DE 4023518 A1 19920305 - FRITZ EGGER GMBH [AT]
- [A] DE 1803259 A1 19700514 - BASF AG
- [A] EP 0832856 A2 19980401 - ANDRITZ PATENTVERWALTUNG [AT]
- [A] US RE35251 E 19960528 - VAN DEN BROEK JOS [NL]
- [A] US 4444016 A 19840424 - BANERJEE RATAN [US]
- [A] DE 1729224 A1 19710609 - KRAUSS MAFFEI AG
- [A] EP 0541009 A1 19930512 - VOMM IMPIANTI & PROCESSI SRL [IT]
- [A] DE 2633165 A1 19780126 - JODEIT UDO DIPLO ING

Cited by

FR3007117A1; FR2907884A1; WO2008056044A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1418394 A2 20040512; EP 1418394 A3 20060329; EP 1418394 B1 20150225; AT 412742 B 20050627; AT A16822002 A 20041115;
ES 2537550 T3 20150609

DOCDB simple family (application)

EP 03450250 A 20031110; AT 16822002 A 20021108; ES 03450250 T 20031110