

Title (en)

DRYING AND COMBUSTION APPARATUS OF HIGH MOISTURE CONTENT SOLID INFLAMMABLE MATTERS

Publication

**EP 0417288 A4 19920401 (EN)**

Application

**EP 89911098 A 19891004**

Priority

- JP 7933989 A 19890330
- JP 8901023 W 19891004

Abstract (en)

[origin: WO9012250A1] This invention relates to a drying and combustion apparatus of high moisture content solid inflammable matters which includes a hopper (20) for storing high moisture content solid inflammable matters, a dryer (1) for drying the high moisture content solid inflammable matters charged from the hopper (20) and an incinerator (23) for receiving the dried solid matters dried by the dryer (1) through a transfer pipe (22) and burning them, and which introduces the exhaust gas from the incinerator (23) into the dryer (1) and uses it as a drying gas. After the high moisture content solid inflammable matters are dried by the dryer (1), they are immediately transferred to and burnt in the incinerator (23). The exhaust gas from the incinerator (23) is used as the drying gas of the dryer (1).

IPC 1-7

**F23G 5/04**; **F23G 7/00**

IPC 8 full level

**F23G 5/033** (2006.01); **F23G 5/04** (2006.01); **F23G 5/46** (2006.01); **F23G 7/00** (2006.01); **F26B 23/02** (2006.01)

CPC (source: EP KR)

**F23G 5/033** (2013.01 - EP); **F23G 5/04** (2013.01 - EP KR); **F23G 5/46** (2013.01 - EP); **F23G 7/001** (2013.01 - EP); **F23G 7/04** (2013.01 - KR); **F26B 23/028** (2013.01 - EP); **F23G 2206/10** (2013.01 - EP)

Citation (search report)

- [X] PATENT ABSTRACTS OF JAPAN vol. 10, no. 81 (M-465)(2138) 29 March 1986 & JP-A-60 221 613 ( KAWASAKI JUKOGYO K.K. ) 6 November 1985
- See references of WO 9012250A1

Cited by

FR2738169A1; AT406509B; EP0692679A3; WO9707904A1; WO2021064606A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**WO 9012250 A1 19901018**; DE 68916245 D1 19940721; DE 68916245 T2 19950119; EP 0417288 A1 19910320; EP 0417288 A4 19920401; EP 0417288 B1 19940615; KR 920700378 A 19920219; KR 940010659 B1 19941024

DOCDB simple family (application)

**JP 8901023 W 19891004**; DE 68916245 T 19891004; EP 89911098 A 19891004; KR 900701414 A 19900630