

Title (en)  
COAL-MOISTURE CONTROL PROCESS

Publication  
**EP 0370144 B1 19930331 (EN)**

Application  
**EP 88311041 A 19881122**

Priority  
JP 22163287 A 19870903

Abstract (en)  
[origin: EP0370144A1] A coal-moisture control process, characterized in that a mono species or a mixture of several species of coal containing the volatile matter of 45 wt% or less on the dry ash free basis, including the portion of the particles size of 3 mm or less by 75 wt% or more, and containing the water content of 20 wt% or less on the wet ash free basis is introduced into a plurality of tubes (1) are disposed in and along the axial direction of an inclined rotational cylinder (10) of a coal-in-tube type tube dryer, and a heating medium such as steam is passed along the outer surface of the tubes (1) for the purpose of indirectly heating the coal so as to dry it so that the water content on the wet ash free basis is made 4 to 7 wt%, has enabled efficient and economical moisture control of the coal having relatively high coal rank such as coaking coal.

IPC 1-7  
**C10B 57/10; F26B 3/22; F26B 11/04**

IPC 8 full level  
**F23K 1/04** (2006.01); **C10B 57/10** (2006.01); **C10L 5/26** (2006.01); **C10L 9/08** (2006.01); **F26B 3/22** (2006.01); **F26B 3/24** (2006.01); **F26B 11/04** (2006.01)

CPC (source: EP)  
**C10B 57/10** (2013.01); **F26B 3/22** (2013.01); **F26B 11/0418** (2013.01); **F26B 11/0422** (2013.01)

Cited by  
DE4121873A1; CN115388625A; CN105157371A; CN109654527A; CN103591779A; EP0478881A1; US10287523B2; WO2018019979A1

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