

Title (en)  
PROCESS FOR COMMINUTING AND DRYING BROWN COAL

Title (de)  
VERFAHREN ZUR ZERKLEINERUNG UND TROCKNUNG VON BRAUNKOHLE

Title (fr)  
PROCEDE POUR LE BROyage ET LE SECHAGE DU LIGNITE

Publication  
**EP 0891404 B1 20011024 (DE)**

Application  
**EP 97916398 A 19970326**

Priority  
• DE 19612187 A 19960327  
• EP 9701547 W 19970326

Abstract (en)  
[origin: DE19612187A1] This invention concerns a process for comminuting and drying brown coal (RK) in which the brown coal undergoes at least two steps of comminution (2, 7) and is dried in an indirectly heated fluidized bed dryer (9). At least one comminution step takes place before the fluidized bed drying. The exhaust vapours are then drawn off the fluidized bed dryer via a dust separator (14). To reduce the expense involved in comminution, the exhaust vapors (B) from the fluidized bed drying (9) are used as sifter vapor (4) for a sorting of comminuted brown coal (3) and the fine material from this sorting does not undergo any further comminution.

IPC 1-7  
**C10F 5/00**; **C10F 7/02**; **F26B 1/00**

IPC 8 full level  
**C10F 5/00** (2006.01); **C10F 7/02** (2006.01); **F26B 1/00** (2006.01)

CPC (source: EP)  
**C10F 5/00** (2013.01); **C10F 7/02** (2013.01); **F26B 1/005** (2013.01)

Cited by  
CN104334989A; CN109374383A

Designated contracting state (EPC)  
DE ES GR

DOCDB simple family (publication)  
**DE 19612187 A1 19971002**; **DE 19612187 C2 20011115**; AU 2505997 A 19971017; AU 721894 B2 20000713; DE 59705088 D1 20011129; EP 0891404 A1 19990120; EP 0891404 B1 20011024; ES 2166534 T3 20020416; PL 329156 A1 19990315; TR 199801936 T2 19990118; WO 9735944 A1 19971002

DOCDB simple family (application)  
**DE 19612187 A 19960327**; AU 2505997 A 19970326; DE 59705088 T 19970326; EP 9701547 W 19970326; EP 97916398 A 19970326; ES 97916398 T 19970326; PL 32915697 A 19970326; TR 9801936 T 19970326