

Title (en)

PROCESS FOR PRODUCING FINELY GRAINED STORAGE AND TRANSPORTATION EQUIPPED COAL OR COAL MIXTURES

Publication

EP 0081763 A3 19840829 (DE)

Application

EP 82111163 A 19821202

Priority

- DE 3148812 A 19811210
- DE 3148813 A 19811210

Abstract (en)

[origin: EP0081763A2] 1. A process for converting coal or mixtures thereof into a condition fit for storage and transport, such coal or mixture having a particle size of up to 3 mm and having been subjected to heat treatment in an O₂ containing atmosphere while in a pre-dried condition without ignition occurring, characterized in that a coal containing up to 10% of volatile matter or a coal mixture composed of up to 50% by weight of one or more mixture components with up to 15% of volatile matter and a remaining coal fraction with up to 10% volatile matter, is exposed, while in an atmosphere comprising an amount of O₂ equal to 12 to 21%, to a temperature between 100 degrees C and a temperature level under the coal ignition temperature or for a time of 5 to 30 seconds to a temperature exceeding the ignition temperature, the water content being set at a maximum of 3% prior to or during the heat treatment.

IPC 1-7

C10L 9/00

IPC 8 full level

C10L 9/00 (2006.01)

CPC (source: EP)

C10L 9/00 (2013.01)

Citation (search report)

- [AD] US 3723079 A 19730327 - SEITZER W
- [AD] US 4192650 A 19800311 - SEITZER WALTER H [US]
- [A] US 3896557 A 19750729 - SEITZER WALTER H, et al
- [A] US 4199325 A 19800422 - SMITH ROBERT H [US]

Cited by

EP0325703A1; EP0758677A1; US5863304A; US6090171A

Designated contracting state (EPC)

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