

Title (en)

Combustion method for coal in a circulating fluidised bed

Title (de)

Verfahren zum Verbrennen von Kohle in der zirkulierenden Wirbelschicht

Title (fr)

Procédé de combustion pour charbon dans un lit fluidisé circulant

Publication

EP 0497418 B2 19971105 (DE)

Application

EP 92200214 A 19920127

Priority

DE 4102959 A 19910201

Abstract (en)

[origin: US5159886A] Granular coal is combusted in a circulating fluidized bed system comprising a combustion chamber, a separator and a recycle line for recycling solids from the separator to the combustion chamber. Gas from carbonization is added to the oxygen-containing combustion gas withdrawn from the combustion chamber and is at least partly combusted in said combustion gas to increase the temperature of the combustion gas to about 850 DEG to 1200 DEG C. The gas from carbonization is produced by the heating of granular coal.

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IPC 8 full level

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CPC (source: EP US)

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EP 0497418 A1 19920805; **EP 0497418 B1 19950426**; **EP 0497418 B2 19971105**; AU 1060692 A 19920806; AU 644262 B2 19931202; CS 28492 A3 19920916; CZ 282120 B6 19970514; DE 4102959 A1 19920813; DE 4102959 C2 19921112; DE 59201992 D1 19950601; DK 0497418 T3 19950703; ES 2072081 T3 19950701; ES 2072081 T5 19980301; JP 3101055 B2 20001023; JP H05203112 A 19930810; SK 279954 B6 19990611; US 5159886 A 19921103

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