

Title (en)

PROCESS FOR THE PARTIAL COMBUSTION OF SOLID FUEL WITH FLY ASH RECYCLE

Publication

EP 0109109 B1 19870805 (EN)

Application

EP 83201501 A 19831018

Priority

GB 8232282 A 19821111

Abstract (en)

[origin: EP0109109A2] In a process for the partial combustion of finely divided solid fuel, fly ash entrained by the formed product gas is recirculated to the combustion space. The fly ash is thereto separated from the product gas, mixed with fresh solid fuel, brought together with the fresh solid fuel in a fluidized state by injecting a gaseous medium and recirculated to the combustion space.

IPC 1-7

C10J 3/46; **C10J 3/84**

IPC 8 full level

F23B 80/00 (2006.01); **C10J 3/46** (2006.01); **C10J 3/84** (2006.01)

CPC (source: EP)

C10J 3/466 (2013.01); **C10J 3/526** (2013.01); **C10J 3/84** (2013.01); **C10J 2300/093** (2013.01); **C10J 2300/0956** (2013.01); **C10J 2300/0959** (2013.01); **C10J 2300/1807** (2013.01)

Cited by

DE4004874A1; EP0499771A1; DE3941816A1; DE3837587C1; CN112798457A; CN109694752A

Designated contracting state (EPC)

BE DE FR GB IT NL

DOCDB simple family (publication)

EP 0109109 A2 19840523; **EP 0109109 A3 19850515**; **EP 0109109 B1 19870805**; AU 2110683 A 19840517; AU 559776 B2 19870319; CA 1242887 A 19881011; DE 3372867 D1 19870910; JP S59100303 A 19840609; ZA 838337 B 19840627

DOCDB simple family (application)

EP 83201501 A 19831018; AU 2110683 A 19831109; CA 439688 A 19831025; DE 3372867 T 19831018; JP 20924283 A 19831109; ZA 838337 A 19831109