

Title (en)

HIGH ENERGY FLUID AND ITS USE IN THE FEEDING OF A REACTION ZONE WITH COMBUSTIBLE MATERIAL

Publication

EP 0122846 B1 19860917 (FR)

Application

EP 84400666 A 19840404

Priority

FR 8305787 A 19830408

Abstract (en)

[origin: US4759267A] An energetic fluid product containing finely divided solid combustible matter suspended in at least one liquid phase and capable of being made to circulate in a line for supplying a treatment chamber, and a device for the preparation and a particular application of this product. The solid particles (13) are dispersed homogeneously within a stable foam produced by mixing a gas phase with the liquid phase to which stabilizing and emulsifying products have been added, and the liquid phase consists solely of fine film (12) connecting the solid particles (13) together and confining gas bubbles (11) which occupy the spaces between the solid particles (13). The invention applies in particular to the supply of combustible matter to a combustion chamber or to a reactor for coal gasification.

IPC 1-7

C10L 1/32

IPC 8 full level

C10L 1/32 (2006.01); **C10L 10/18** (2006.01)

CPC (source: EP US)

C10L 1/32 (2013.01 - EP US); **C10L 1/326** (2013.01 - EP US)

Citation (examination)

EP 0123592 A1 19841031 - SIDERURGIE FSE INST RECH [FR]

Cited by

FR2784171A1; US8178746B2

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0122846 A1 19841024; EP 0122846 B1 19860917; AT E22322 T1 19861015; AU 2640984 A 19841011; AU 578017 B2 19881013; BR 8401623 A 19841113; CA 1253342 A 19890502; DE 3460754 D1 19861023; FR 2543967 A1 19841012; FR 2543967 B1 19850719; IN 160166 B 19870627; JP S59197498 A 19841109; US 4759267 A 19880726; ZA 842572 B 19841128

DOCDB simple family (application)

EP 84400666 A 19840404; AT 84400666 T 19840404; AU 2640984 A 19840404; BR 8401623 A 19840406; CA 451454 A 19840406; DE 3460754 T 19840404; FR 8305787 A 19830408; IN 292DE1984 A 19840402; JP 6893284 A 19840406; US 59786084 A 19840409; ZA 842572 A 19840405