

Title (en)

PROCESS FOR OPERATING A PLANT FOR THE GASSIFICATION OF SOLID FUELS

Publication

**EP 0437698 B1 19930203 (DE)**

Application

**EP 90121843 A 19901115**

Priority

DE 3941816 A 19891219

Abstract (en)

[origin: EP0437698A1] The invention relates to a process for operating a plant for the gasification of solid fuels, gasification burners being used which have a primary oxygen feed channel coaxial with the burner axis, a surrounding annular fuel feed channel and, surrounding the latter, an annular secondary oxygen feed channel, the fly dust precipitated from the crude gas being introduced into the axis of at least one fuel/reactant jet, being introduced by the latter into the primary reaction zone of the gasification reactor and being fused in this zone. A primary oxygen/secondary oxygen mass ratio of 1:1 to 1:4, preferably 1:1 to 1:3, is intended to be used here.

IPC 1-7

**C10J 3/46**

IPC 8 full level

**C10J 3/46** (2006.01); **C10J 3/48** (2006.01)

CPC (source: EP)

**C10J 3/506** (2013.01); **C10J 2300/0959** (2013.01); **C10J 2300/1223** (2013.01)

Cited by

WO2006113229A1; AT402440B; JP2008537092A; EP0767235A3; US5997595A; AU2008285638B2; US9546784B2; US9032623B2; WO2009019272A1; WO2010075911A1; DE102008063505A1; EP2238223B1

Designated contracting state (EPC)

DE DK ES GB NL

DOCDB simple family (publication)

**EP 0437698 A1 19910724; EP 0437698 B1 19930203**; CN 1025868 C 19940907; CN 1052889 A 19910710; DE 59000845 D1 19930318; DK 0437698 T3 19930601; ES 2038862 T3 19930801; PL 164928 B3 19941031; PL 288309 A3 19911202; ZA 909213 B 19910925

DOCDB simple family (application)

**EP 90121843 A 19901115**; CN 90109926 A 19901210; DE 59000845 T 19901115; DK 90121843 T 19901115; ES 90121843 T 19901115; PL 28830990 A 19901218; ZA 909213 A 19901116