

Title (en)

PROCESS FOR OPERATING A PLANT FOR THE GASIFICATION OF SOLID FUELS, AND SUITED OPERATING PLANT

Publication

EP 0370201 B1 19920617 (DE)

Application

EP 89117731 A 19890926

Priority

DE 3837587 A 19881105

Abstract (en)

[origin: EP0370201A1] Process for operating a plant for the gasification of fine-grained to dusty solid fuels, having a gasification reactor equipped with gasification burners, a device for separating fly dust from the crude gas, a fly dust receiver and a device for recycling fly dust into the gasification reactor. The gasification burners burn into the gasification reactor with a fuel/reactant jet which is rotationally symmetrical at the gasification burner outlet. The fly dust with its crude gas content and its residual carbon is introduced by a carrier gas stream into the axis of at least one fuel/reactant jet, introduced by the fuel/reactant jet into the primary reaction zone and fused therein. Plant suited for operating the process is also indicated. <IMAGE>

IPC 1-7

C10J 3/46; **C10J 3/48**; **C10J 3/84**

IPC 8 full level

C10J 3/46 (2006.01); **C10J 3/48** (2006.01); **C10J 3/84** (2006.01)

CPC (source: EP)

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Cited by

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EP 0370201 A1 19900530; **EP 0370201 B1 19920617**; CN 1025867 C 19940907; CN 1042560 A 19900530; DD 285990 A5 19910110; DE 3837587 C1 19900523; DE 3941816 A1 19910620; DE 58901693 D1 19920723; DK 548489 A 19900506; DK 548489 D0 19891103; ES 2033504 T3 19930316; PL 161778 B1 19930730; ZA 897381 B 19900725

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