

Title (en)
PROCESS FOR OPERATING A PLANT FOR THE GASIFICATION OF SOLID FUELS

Publication
EP 0447632 B1 19930630 (DE)

Application
EP 90123157 A 19901204

Priority
DE 4004874 A 19900216

Abstract (en)
[origin: EP0447632A1] The plant for the gasification of solid fuels employs gasification burners which have a feed channel for primary oxygen which is coaxial with the burner axis, a surrounding annular channel for fuel feed and an annular channel surrounding the latter for feeding secondary oxygen. The fine dust deposited from the untreated gas is injected into the axis of at least one fuel/reactant jet, introduced from the latter into the primary reaction zone of the gasification reactor and melted in said zone. According to the invention, the apparent density of the deposited fine dust is determined and taken into account in regulating the mass flow of the fine dust fed to the gasification burners, a feed density of the order of magnitude of 60 to 90% of the fine dust apparent density being employed.

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EP 0447632 A1 19910925; **EP 0447632 B1 19930630**; CN 1030464 C 19951206; CN 1054095 A 19910828; DE 4004874 A1 19910829; DE 4004874 C2 19921119; DE 59001892 D1 19930805; DK 0447632 T3 19931122; ES 2043222 T3 19931216; PL 164897 B3 19941031; PL 288331 A3 19911202; ZA 9010026 B 19911030

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