

Title (en)

PROCESS FOR THE PRODUCTION OF GASES CONTAINING HYDROGEN AND CARBON MONOXIDE FROM SOLID FUELS

Publication

**EP 0247504 B1 19901003 (DE)**

Application

**EP 87107304 A 19870519**

Priority

DE 3617802 A 19860527

Abstract (en)

[origin: US4852994A] In a process and apparatus for the production of gas containing hydrogen and carbon monoxide from a solid fuel in a fluidized bed, the solid particles contained in the product gas are separated off in a cyclone separator and recycled to the fluidized bed by way of a recycling conduit. The recycling conduit is provided with injection nozzles for introducing gas flows into the recycling conduit in a pulse-like manner in order to loosen up the particles therein. The gas flows may be introduced into the recycling conduit in displaced relationship in respect of time in such a way that, of two adjacent injection locations, gas is injected through the injection location which is arranged at a greater spacing from the reactor at a later time than at the injection location which is closer to the reactor.

IPC 1-7

**C10J 3/54**

IPC 8 full level

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CPC (source: EP US)

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