

Title (en)

Reactor for gasifying solid fuel.

Title (de)

Reaktor zur Vergasung von festem Brennstoff.

Title (fr)

Réacteur pour gazéifier des combustibles solides.

Publication

EP 0159420 A1 19851030 (EN)

Application

EP 84301893 A 19840320

Priority

EP 84301893 A 19840320

Abstract (en)

A reactor for gasifying a solid fuel, comprising a chamber (15, 20) having a generally vertically extending axis, an inlet (14) for the solid fuel in the upper part of the chamber, inlet nozzles (76) for introducing air into the chamber, a grate (21) in the lower part of the chamber, an ash outlet (35) below the grate and a plurality of circumferentially spaced compartments (40, 50, 60) each opening at their lower end (42, 52, 62) into said chamber in the lower part thereof, and each having a discharge aperture (43, 53, 63) at the upper end of significantly smaller cross-sectional area than the opening (42, 52, 62) whereby solid particles in the gas can settle, and a manifold (44) for collecting the gas passing from the compartment through said apertures.

IPC 1-7

C10J 3/26

IPC 8 full level

C10J 3/26 (2006.01)

CPC (source: EP)

C10J 3/26 (2013.01); **C10J 3/30** (2013.01); **C10J 3/42** (2013.01); **C10J 3/74** (2013.01); **C10J 2300/092** (2013.01); **C10J 2300/093** (2013.01); **C10J 2300/0946** (2013.01); **C10J 2300/0956** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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