

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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