

Title (en)

Combustion unit.

Title (de)

Verbrennungsanlage.

Title (fr)

Installation de combustion.

Publication

EP 0440552 A2 19910807 (EN)

Application

EP 91400212 A 19910129

Priority

FI 900437 A 19900129

Abstract (en)

The combustion unit provides a circulation process and comprises a reactor chamber (R), where the lower part is provided with a grate structure (1) for forming a so-called fluidized bed. Fuel is supplied to the upper side of the grate structure into the fluidized bed, and means are provided for removing the coarse material of the fluidized bed from the grate structure and for supplying air into the fluidized bed. The combustion unit further comprises at least one particle separator which is provided with means for purifying the flue gases from solid material, the flue gases being generated in the fluidized bed and containing solid material. A return duct returns the solid material to the fluidized bed. The means (7, 8, 9) for supplying fuel to the grate structure and the means (11) for removing the coarse material in the fuel are formed into at least one group which penetrates the grate structure essentially at a same point. <IMAGE>

IPC 1-7

F23C 11/02

IPC 8 full level

F23C 10/22 (2006.01); **F23C 10/24** (2006.01)

CPC (source: EP)

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EP 0440552 A2 19910807; **EP 0440552 A3 19920603**; FI 85758 B 19920214; FI 85758 C 19920525; FI 900437 A0 19900129; FI 900437 A 19910730; RU 1838720 C 19930830

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