

Title (en)

SOLID-FUEL-FIRED HOT GAS GENERATOR HAVING AN EXTENDED CONTROL RANGE

Title (de)

FESTSTOFFGEFEUERTER HEISSGASERZEUGER MIT ERWEITERTEM REGELBEREICH

Title (fr)

GÉNÉRATEUR DE GAZ CHAUD CHAUFFÉ PAR DES MATIÈRES SOLIDES, AYANT UNE PLAGE DE RÉGULATION ÉLARGIE

Publication

EP 2616741 A1 20130724 (DE)

Application

EP 10770978 A 20100916

Priority

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Abstract (en)

[origin: WO2012034573A1] The invention relates to a solid-fuel-fired hot gas generator, which has a plurality of solid fuel burners (3, 4, 5) in order to extend the control range. Said solid fuel burners form a multiple solid fuel burner (10) having an extended control range. A solid fuel supply (6) and a combustion air supply (7) are associated with each solid fuel burner, and a separate, metered solid fuel supply to each solid fuel burner is guaranteed by means of a metering apparatus. The firing power of the multiple solid fuel burner, which in particular is a multiple impulse burner, ranges from the minimum power of one of the solid fuel burners to the maximum power of all solid fuel burners, so that the control of all required load ranges of a plant unit to be supplied is covered.

IPC 8 full level

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Citation (search report)

See references of WO 2012034573A1

Citation (examination)

JP H07310903 A 19951128 - HITACHI LTD, et al

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