

Title (en)

Method for the combustion of materials of low-combustibility

Title (de)

Verfahren zum Verbrennen von schwer verbrennbaren Materialien

Title (fr)

Procédé pour la combustion de matières difficiles à brûler

Publication

EP 1231434 A3 20021204 (DE)

Application

EP 02001639 A 20020124

Priority

DE 20102129 U 20010207

Abstract (en)

[origin: EP1231434A2] A method for incinerating otherwise difficult to burn material has the inlet air passed through an ioniser to ionise the oxygen into ozone. This produces a highly reactive gas which enhances the burn which efficiently reduces the materials without causing build-up of carbon and unburnt residues. The gas flow rate is regulated to match the burn requirement.

IPC 1-7

F23L 7/00; **F23G 7/00**

IPC 8 full level

B22C 9/04 (2006.01); **F27B 17/00** (2006.01)

CPC (source: EP)

B22C 9/043 (2013.01); **F27B 17/00** (2013.01)

Citation (search report)

- [Y] US 3495555 A 19700217 - BOYD JOHN ALLISON, et al
- [Y] DE 2908912 A1 19800918 - MUELLER OTTO GMBH
- [Y] US 3768424 A 19731030 - HAGE W
- [Y] PATENT ABSTRACTS OF JAPAN vol. 007, no. 044 (M - 195) 22 February 1983 (1983-02-22)

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DE102019005630B3; DE102006045946A1; DE102006045946B4

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EP 1231434 A2 20020814; **EP 1231434 A3 20021204**; **EP 1231434 B1 20071031**; AT E377173 T1 20071115; DE 20102129 U1 20010613; DE 50211124 D1 20071213

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