

Title (en)
PROCESS FOR INCINERATING SOLIDS

Title (de)
VERFAHREN ZUR VERBRENNUNG VON FESTSTOFFEN

Title (fr)
PROCEDE POUR LA COMBUSTION DE MATIERES SOLIDES

Publication
EP 0607210 B1 19960131 (DE)

Application
EP 92920686 A 19921002

Priority
• DE 4133239 A 19911008
• EP 9202280 W 19921002

Abstract (en)
[origin: WO9307422A1] The description relates to a process for incinerating solids, especially for burning rubbish in a combustion vessel comprising at least one combustion chamber and an after-burner chamber. Here, instead of secondary or tertiary air, water vapour under increased pressure is sprayed into the combustion vessel after the combustion gases have left the combustion chamber. Only primary air is supplied as the combustion air. In this manner it is possible with the use of minimum quantities of combustion air particularly to increase the effectiveness of the overall process while at the same time reducing the emission of pollutants. It is also possible to feed back flue gas together with the water vapour, so that, for example, the maximum temperatures, the temperature reduction and the dwell times in the 1st and 2nd flue of the vessel can be easily set to the optima.

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F23L 7/00; **F23G 5/14**

IPC 8 full level
F23G 5/14 (2006.01); **F23L 7/00** (2006.01)

CPC (source: EP US)
F23G 5/14 (2013.01 - EP US); **F23L 7/00** (2013.01 - EP US); **F23L 2900/07009** (2013.01 - EP US)

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WO 9307422 A1 19930415; AT E133772 T1 19960215; CZ 284076 B6 19980812; CZ 80294 A3 19940817; DE 59205258 D1 19960314; DK 0607210 T3 19960318; EP 0607210 A1 19940727; EP 0607210 B1 19960131; SK 281396 B6 20010312; SK 40594 A3 19940810; US 5553556 A 19960910

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