

Title (en)
Method for the thermal treatment of solids

Title (de)
Verfahren zur thermischen Behandlung von Feststoffen

Title (fr)
Procédé de traitement thermique de matières solides

Publication
EP 1077077 A3 20010829 (DE)

Application
EP 00810565 A 20000628

Priority
DE 19938269 A 19990812

Abstract (en)
[origin: EP1077077A2] The solids (5) are burned in a first stage by supplying primary air and the resulting exhaust gases (7) are first mixed in a second stage with a gaseous oxygen-free mixing medium (8). The resulting mixture (9) is left for at least 0.3 s in an inertia zone (3) and then mixed in a third stage with the secondary air (10) to which a reduction agent (11) is added, thereby ensuring complete burning of the solids. the temperature of the exhaust gases after adding the secondary air is regulated to a determined ideal value in dependence on the added amount of gaseous mixing medium or added amount of secondary air

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B01D 53/56; **F23G 5/14**; **F23G 5/16**; **F23J 15/00**

IPC 8 full level
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CPC (source: EP KR)
F23G 5/14 (2013.01 - EP KR); **F23G 2207/30** (2013.01 - EP); **F23G 2207/60** (2013.01 - EP); **F23J 2219/20** (2013.01 - EP)

Citation (search report)

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