

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

IPC 1-7  
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IPC 8 full level  
**F23G 5/00** (2006.01); **B01D 53/56** (2006.01); **B09B 3/00** (2006.01); **F23G 5/14** (2006.01); **F23G 5/44** (2006.01); **F23J 15/00** (2006.01)

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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