

Title (en)

A waste material incineration process and apparatus

Title (de)

Müllverbrennungsverfahren und Müllverbrennungsanlage

Title (fr)

Procédé et dispositif pour l'incinération de déchets

Publication

**EP 1201993 A1 20020502 (EN)**

Application

**EP 00123175 A 20001025**

Priority

EP 00123175 A 20001025

Abstract (en)

A waste material incineration process comprising a) supplying waste material to a first combustion chamber (13, 113) b) heating the waste material in the first combustion chamber (13, 113) to cause thermal decomposition of the waste material, and c) burning, in a second combustion chamber (18, 118), any inflammable gas or gases produced by the thermal decomposition; characterised in that d) at least some of the heat produced during the burning of said gas or gases is used to heat the waste material in the first combustion chamber (13, 113). <IMAGE>

IPC 1-7

**F23G 5/027; F23G 5/16; F23G 5/24**

IPC 8 full level

**F23G 5/027** (2006.01); **F23G 5/16** (2006.01); **F23G 5/24** (2006.01)

CPC (source: EP)

**F23G 5/027** (2013.01); **F23G 5/16** (2013.01); **F23G 5/24** (2013.01); **F23G 2201/303** (2013.01); **F23G 2206/10** (2013.01);  
**F23G 2900/50204** (2013.01)

Citation (search report)

- [X] US 3961587 A 19760608 - OZAWA TAKAHISA
- [XY] US 4261269 A 19810414 - MALLEK HEINZ, et al
- [X] US 3680503 A 19720801 - DANIELSSON GUNNAR, et al
- [X] EP 0096169 A1 19831221 - SULZBERGER JOHANN
- [X] FR 2733031 A1 19961018 - COSSE JACQUES [FR]
- [Y] DE 3511807 A1 19861009 - NIEBUHR UWE
- [Y] AT 400579 B 19960125 - VOEST ALPINE IND ANLAGEN [AT], et al
- [Y] BE 537255 A
- [Y] FR 2599124 A1 19871127 - CALIQUA [FR]
- [A] FR 1556411 A 19690207

Cited by

CN110207128A; EP3960837A1; FR3113679A1; KR20190127891A; JP2020515671A; IL269526B; JP2012500958A; EA022238B1;  
US11333354B2; US9170019B2; WO2012174939A1; WO2018172577A1; WO2010022741A3; WO2011079837A3

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 1201993 A1 20020502**

DOCDB simple family (application)

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