

Title (en)  
Improved thermal disposal unit.

Title (de)  
Thermische Entsorgungseinheit.

Title (fr)  
Unité d'élimination thermique.

Publication  
**EP 0587064 A1 19940316 (EN)**

Application  
**EP 93114149 A 19930903**

Priority  
IT PD920157 A 19920907

Abstract (en)  
A thermal disposal unit of the type which comprises a combustion chamber (11) which communicates with a plurality of thermal buffers (13, 14) each selectively connectable, at an opposite side thereof with respect to the combustion chamber (11), to a forced-flow duct (17) for conveying gases to be purified and to a gas emission duct (23) for conveying purified gases. Each thermal buffer (13, 14) is constituted by an accumulation mass (13a, 13b, 14a, 14b) for exchanging heat with the conveyed gases. Furthermore, the emission conduit (23) communicates with a flue divided into two chambers (27a, 27b) which are open to the atmosphere. One of the chambers (27b), which acts as a plenum chamber, is in constant communication with an aspiration zone of the duct (17) for conveying gases to be purified. <IMAGE>

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**F23G 7/06**

IPC 8 full level  
**F23G 7/06** (2006.01)

CPC (source: EP)  
**F23G 7/068** (2013.01); **F23L 2900/15021** (2013.01)

Citation (search report)

- [XY] WO 8600389 A1 19860116 - HEED BJOERN
- [Y] US 3404965 A 19681008 - SHILLER BENJAMIN P
- [A] EP 0365262 A1 19900425 - HALDOR TOPSOE AS [DK]
- [A] FR 2473695 A1 19810717 - PECHINEY ALUMINIUM [FR]

Cited by  
US5874053A; EP1312861A3; EP0990848A1; FR2783900A1; DE19617790A1; EP1063470A3; US6261092B1; US7325562B2; US7150446B1; WO9735149A1; WO9722835A1; WO9819776A1; WO9742439A1; US6669472B1; US6783111B2; US6899121B2; US6749815B2

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