

Title (en)
Noxious component removal process and noxious component removal agent therefor

Title (de)
Verfahren und Mittel zur Entfernung von Schadstoffen

Title (fr)
Procédé et agent d'élimination des composés nocifs

Publication
EP 0860183 A3 19990120 (EN)

Application
EP 98102829 A 19980218

Priority

- JP 3872697 A 19970224
- JP 3872897 A 19970224
- JP 3872997 A 19970224
- JP 3873797 A 19970224
- JP 16091197 A 19970618
- JP 16091497 A 19970618
- JP 26599397 A 19970930

Abstract (en)
[origin: EP0860183A2] A process for removing chlorine and/or sulfur from a waste containing chlorine and/or sulfur which chlorine is a source of dioxin. The process comprises the following steps in the sequence set forth: (a) mixing the waste and a chlorine and sulfur removal agent to form a mixture, the chlorine and sulfur removal agent containing an alkali metal compound; and (b) heating the mixture to thermally decompose the waste to generate chlorine-containing substance and/or a sulfur-containing substance, in which the chlorine-containing substance and/or the sulfur-containing substance allow to contact and react with the chlorine and sulfur removal agent thereby to form harmless chloride and/or sulfite.
<IMAGE>

IPC 1-7
A62D 3/00

IPC 8 full level
A62D 3/34 (2007.01); **A62D 101/22** (2007.01); **A62D 101/47** (2007.01)

CPC (source: EP KR)
A62D 3/34 (2013.01 - EP KR); **A62D 3/40** (2013.01 - KR); **F23G 5/0276** (2013.01 - KR); **A62D 2101/22** (2013.01 - EP KR); **A62D 2101/47** (2013.01 - EP KR)

Citation (search report)

- [X] EP 0372276 A1 19900613 - RWE ENTSORGUNG AG [DE]
- [A] WO 9629118 A1 19960926 - NKT RES CENTER AS [DK], et al
- [A] US 4938936 A 19900703 - YAN TSOUNG Y [US]

Cited by
CN105307755A

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0860183 A2 19980826; EP 0860183 A3 19990120; EP 0860183 B1 20021113; AT E227598 T1 20021115; AU 5632998 A 19980827; AU 714634 B2 20000106; CN 1095687 C 20021211; CN 1197685 A 19981104; DE 69809310 D1 20021219; DE 69809310 T2 20030320; DK 0860183 T3 20030310; ES 2186931 T3 20030516; KR 100341551 B1 20020822; KR 19980071609 A 19981026; MY 121329 A 20060128; NO 316905 B1 20040621; NO 980758 D0 19980223; NO 980758 L 19980825

DOCDB simple family (application)
EP 98102829 A 19980218; AT 98102829 T 19980218; AU 5632998 A 19980224; CN 98107704 A 19980223; DE 69809310 T 19980218; DK 98102829 T 19980218; ES 98102829 T 19980218; KR 19980005575 A 19980223; MY PI9800755 A 19980223; NO 980758 A 19980223