

Title (en)

METHOD FOR SUPPLYING COMBUSTION AIR IN VERTICAL WASTE INCINERATOR, AND VERTICAL WASTE INCINERATOR

Title (de)

VERFAHREN ZUR ZUFUHR VON VERBRENNUNGSLUFT IN EINEN VERTIKALEN ABFALLVERBRENNUNGSOFEN UND VERTIKALER ABFALLVERBRENNUNGSOFEN

Title (fr)

PROCÉDÉ POUR APPORTER DE L'AIR COMBURANT DANS UN INCINÉRATEUR DE DÉCHETS VERTICAL, ET INCINÉRATEUR DE DÉCHETS VERTICAL

Publication

**EP 2549184 A4 20130703 (EN)**

Application

**EP 11755984 A 20110204**

Priority

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Abstract (en)

[origin: EP2549184A1] A method for supplying combustion air in a vertical incinerator according to one embodiment of the present invention is such that during incineration treatment by the vertical incinerator 1, a supplied amount of combustion air a is controlled in such a manner as to be 0.2 to 0.8 times as much as a theoretical air amount that is necessary to completely combust waste R in deposit layers, and the combustion air a is supplied in such a manner as to reduce oxygen in the combustion air a from a lower portion to an upper portion of the deposit layers.

IPC 8 full level

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Citation (search report)

- [X] WO 2010022741 A2 20100304 - DALL ENERGY HOLDING APS [DK], et al
- [Y] JP 2007057113 A 20070308 - PLANTEC INC
- [Y] WO 2008097493 A2 20080814 - INFILCO DEGREMONT INC [US], et al
- [YP] EP 2206953 A1 20100714 - METAWATER CO LTD [JP]
- See references of WO 2011114794A1

Cited by

EP3589889A4

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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DOCDB simple family (application)

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