

Title (en)
REGENERATIVE THERMAL WASTE INCINERATION SYSTEM

Title (de)
REGENREATIVES THERMISCHES MÜLLVERBRENNUNGSSYSTEM

Title (fr)
SYSTEME D'INCINERATION THERMIQUE REGENERATIVE DES DECHETS

Publication
EP 1390666 A1 20040225 (EN)

Application
EP 02736236 A 20020530

Priority

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Abstract (en)
[origin: WO02097328A1] Provided is a regenerative thermal waste incineration system for incinerating waste using a regenerative thermal material. The regenerative thermal waste incineration system includes first and second ceramic layers for accumulating heat from high-temperature gas in backward operation and regenerating accumulated heat to low temperature gas in forward operation, a third ceramic layer and a fourth ceramic layer for accumulating heat from high-temperature gas in forward operation and regenerating accumulated heat to low temperature gas in backward operation, a first waste inlet valve located between the first ceramic layer and the second ceramic layer for introducing waste in forward operation, a second waste inlet valve located between the third ceramic layer and the fourth ceramic layer for introducing waste in backward operation, a burner located between the second ceramic layer and the third ceramic layer for supplying heat for incinerating, a first air valve for introducing air into the system through the first ceramic layer in forward operation, and a second air valve for introducing air into the system through the fourth ceramic layer in backward operation.

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Citation (search report)
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