

Title (en)
Incinerator, particularly for waste-to-energy plants

Title (de)
Verbrennungsöfen, insbesondere für Müllverbrennungsanlagen zur Energieerzeugung

Title (fr)
Incinérateur, en particulier pour installations de transformation des déchets en énergie

Publication
EP 2541144 A1 20130102 (EN)

Application
EP 11425168 A 20110701

Priority
EP 11425168 A 20110701

Abstract (en)
An incinerator, particularly for waste-to-energy plants, comprising at least one steam generator (1) that defines at least one combustion chamber (2), an evaporation section (3), a superheating section (4) and at least one economizer (5) in mutual sequence, comprising at least one catalyzing assembly (50) situated along the route of the gases generated by the combustion in the incinerator in a position having an operating temperature comprised substantially between 270°C and 310°C, where the route of the gases is defined between the superheating section (4) and the economizer (5). Moreover, the catalyzing assembly (50) is provided with cleaning means (20) adapted to remove the ashes carried by the exhaust gases and which can accumulate in the ducts for conveying the exhaust gases of the catalyzing assembly (50).

IPC 8 full level
F23J 3/02 (2006.01)

CPC (source: EP)
F23J 3/023 (2013.01); **F23J 2219/10** (2013.01)

Citation (search report)
• [XY] WO 9527554 A1 19951019 - AHLSTROEM OY [FI]
• [YA] EP 0745807 A1 19961204 - ABB MANAGEMENT AG [CH]
• [Y] DE 102005030633 A1 20070104 - GUENTNER GMBH HANS [DE]

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Designated contracting state (EPC)
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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2541144 A1 20130102

DOCDB simple family (application)
EP 11425168 A 20110701