

Title (en)
WASTE OIL BURNING SYSTEM

Title (de)
SYSTEM ZUR VERBRENNUNG VON ÖLABFÄLLEN

Title (fr)
SYSTÈME DE COMBUSTION D'HUILE USAGÉE

Publication
EP 2109741 A1 20091021 (EN)

Application
EP 08713308 A 20080128

Priority
• US 2008001065 W 20080128
• US 70029007 A 20070131

Abstract (en)
[origin: US2008182213A1] A waste oil burning system having a burner and a heat exchanger for preheating atomizing air before the atomizing air is supplied to the nozzle. The burner includes a fuel conduit for supplying waste oil to the burner and an air supply line for supplying atomizing air to the burner. The burner has a nozzle which atomizes the waste oil by mixing the waste oil with the air from the air supply line. The nozzle sprays the atomized waste oil into a combustion zone where the atomized waste oil is combusted. The heat exchanger is positioned in the combustion zone, so that energy produced from the combustion of the waste oil preheats the air supplied through the air supply line before the air is mixed with the waste oil.

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F23D 11/38 (2006.01)

CPC (source: EP US)
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Citation (search report)
See references of WO 2008094487A1

Cited by
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