

Title (en)
OIL BURNER FOR HEATING-PLANTS

Publication
EP 0213516 A3 19880831 (DE)

Application
EP 86111324 A 19860816

Priority
DE 3530127 A 19850823

Abstract (en)
[origin: US4763843A] An oil burner for heating systems includes an atomizer nozzle placed in or connected to an oil feed pipe and a shutoff element is arranged in the oil feed pipe which has a blocking element which can be moved by the inflowing oil, within limits. The blocking element or a part adjacent the oil flow conduit are formed either entirely or partially from a permanent magnet and one can be moved into the closed position by its magnetic force to reliably prevent dripping of the oil from the atomizer nozzle after completion of a combustion process.

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F23D 11/38; **B05B 1/30**

IPC 8 full level
B05B 1/30 (2006.01); **F23D 11/38** (2006.01)

CPC (source: EP US)
B05B 1/304 (2013.01 - EP US); **F23D 11/38** (2013.01 - EP US)

Citation (search report)
[A] DE 2438957 A1 19760304 - DANFOSS AS

Cited by
DE102008015497A1; WO2009117995A1; CN107469267A; US8333337B2; WO2008037430A1; US9091354B2

Designated contracting state (EPC)
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DOCDB simple family (application)
EP 86111324 A 19860816; CH 418385 A 19850927; DE 3530127 A 19850823; US 94048286 A 19861209