

Title (en)

Combustion head for a fuel oil burner

Title (de)

Ölbrenner

Title (fr)

Brûleur à mazout

Publication

**EP 1243850 B1 20071003 (EN)**

Application

**EP 01830192 A 20010320**

Priority

EP 01830192 A 20010320

Abstract (en)

[origin: EP1243850A1] A combustion head (10) for a fuel oil burner, having: a tubular air conduit (11); a flame deflector (13) having a central opening (15) ; a spray-holder (17) having an oil nozzle (18) for atomizing the fuel oil; an air nozzle (20) concentric with the spray-holder (17); and an ignition device (12) for igniting a mixture of a combustion supporting fluid and atomized particles of the fuel oil; the combustion head (10) being characterized in that the air nozzle (20) is located upstream from the flame deflector (13) and at the central opening (15). <IMAGE>

IPC 8 full level

**F23D 11/40** (2006.01); **F23C 7/00** (2006.01); **F23C 9/00** (2006.01)

CPC (source: EP)

**F23C 7/004** (2013.01); **F23C 7/008** (2013.01); **F23C 9/006** (2013.01); **F23D 11/404** (2013.01); **F23D 2207/00** (2013.01); **F23D 2209/00** (2013.01)

Cited by

EP1533566A3; EP1916475A3; EP1860379A3; CN108443874A; EP3252376A1; ITUA20164028A1; EP2287530A3; WO2018024577A1; US7661661B2

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