

Title (en)

Oil burner Head.

Title (de)

Ölbrennerkopf.

Title (fr)

Tête de brûleur à huile.

Publication

**EP 0160134 A1 19851106 (EN)**

Application

**EP 84302809 A 19840425**

Priority

- EP 84302809 A 19840425
- CA 395122 A 19820128

Abstract (en)

A burner head for the combustion of oil with air to produce a sun-flower shaped flame with the nozzle (2) surrounded by three tubular members (4, 8, 12) to form a nozzle space, a primary air passage and a secondary passage, a perforated annular disc (22) at the downstream end of the nozzle space, a first set of deflector vanes (16) in the primary air passage, a second set of deflector (18) vanes in the secondary air passage, the lead angles of the vanes to the normal to the longitudinal axis of the burner being in the range of the order 50 DEG to 60 DEG .

IPC 1-7

**F23D 11/40**

IPC 8 full level

**F23D 11/24** (2006.01); **F23D 11/40** (2006.01)

CPC (source: EP)

**F23D 11/24** (2013.01); **F23D 11/408** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE GB IT SE

DOCDB simple family (publication)

**CA 1167369 A 19840515**; EP 0160134 A1 19851106

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