

Title (en)

MIXING DEVICE FOR OIL BURNER

Publication

**EP 0537491 A3 19930630 (DE)**

Application

**EP 92115884 A 19920917**

Priority

AT 203491 A 19911014

Abstract (en)

[origin: EP0537491A2] A mixing device for oil burners having a mixing pipe (1) with a front-side passage opening (3), which tapers to the front end. There are provided an annular baffle plate (10), arranged in front of the passage (3) in the direction of flow, with radial slots (12) and, situated in front of this in the front region, a frustoconical inner pipe (7) with a rear closure wall (8) and a front passage (15). Situated in the inner pipe (7) is a pressure pulveriser nozzle (4) and an ignition electrode (9). The inner pipe (7) bears with its mouth against the baffle plate (10) and has at the rear a closure wall (8). <IMAGE>

IPC 1-7

**F23D 11/40**

IPC 8 full level

**F23D 11/40** (2006.01)

CPC (source: EP)

**F23D 11/402** (2013.01); **F23D 11/406** (2013.01); **F23D 2900/11401** (2013.01); **F23D 2900/11402** (2013.01); **F23D 2900/11403** (2013.01)

Citation (search report)

- [X] DE 2553953 B1 19770505
- [X] DE 2704884 A1 19780810 - SHELL AG
- [Y] EP 0404731 A2 19901227 - MUELLER RUDOLF [CH]

Cited by

EP1916475A3; US6579086B2; WO9425798A1

Designated contracting state (EPC)

AT CH DE FR IT LI

DOCDB simple family (publication)

**EP 0537491 A2 19930421**; **EP 0537491 A3 19930630**; **EP 0537491 B1 19970423**; AT 401288 B 19960725; AT A203491 A 19951215; AT E152230 T1 19970515; DE 59208382 D1 19970528

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