

Title (en)
BURNER NOZZLE

Publication
EP 0362489 A3 19910724 (DE)

Application
EP 89112337 A 19890706

Priority
DE 3834092 A 19881007

Abstract (en)
[origin: EP0362489A2] A gas burner, preferably an evaporation oil burner consisting of a socket, which is provided with a fuel supply and has an internal bore with an internal thread, having a cylindrical nozzle body containing a nozzle opening and an external thread that can be screwed into the socket, and having a strainer assigned to the nozzle body. The nozzle body is provided with an extended shaft, passing along the entire length of which is a longitudinal bore upstream of the nozzle opening, and inside a prescribed region the shaft is provided with a multiplicity of radial bores, which end in the longitudinal bore and whose diameter is smaller than the diameter of the nozzle opening. The sum of the cross-sections of all the radial bores is larger than the cross-section of the nozzle opening. An annular duct that is connected to the fuel supply is provided in the region containing the radial bores.

IPC 1-7
F23D 14/48

IPC 8 full level
F23D 14/48 (2006.01)

CPC (source: EP)
F23D 14/48 (2013.01)

Citation (search report)
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• [A] DE 1527265 A1 19690717 - GUSTAV BARTHEL FA
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EP2095878A1; US8109451B2

Designated contracting state (EPC)
AT DE ES FR IT NL

DOCDB simple family (publication)
EP 0362489 A2 19900411; EP 0362489 A3 19910724; DE 3834092 A1 19900412; DE 3834092 C2 19910508

DOCDB simple family (application)
EP 89112337 A 19890706; DE 3834092 A 19881007