

Title (en)
Liquid fuel burner

Title (de)
Brenner für fluide Brennstoffe

Title (fr)
Brûleur à combustible liquide

Publication
EP 1331445 A3 20040616 (DE)

Application
EP 03001564 A 20030123

Priority
DE 20201182 U 20020125

Abstract (en)
[origin: EP1331445A2] The burner system is designed, so that the regulating unit (40) has a servo motor (42) reversible in its direction of rotation, across which a first adjusting element (50) is operable, for the fuel feed unit (20) and a second adjusting element (60) for the unit (30) for the supply of combustion air. The unit (30) for the supply of combustion air is a fan. The rpm of the fan can be varied across the second adjusting element (60), which is coupled with a fixed specified relationship with the first adjusting element (50).

IPC 1-7
F23N 1/02

IPC 8 full level
F23D 14/60 (2006.01); **F23N 1/02** (2006.01); **F23N 3/08** (2006.01)

CPC (source: EP)
F23D 14/60 (2013.01); **F23N 1/022** (2013.01); **F23N 3/082** (2013.01); **F23N 2233/08** (2020.01); **F23N 2235/30** (2020.01)

Citation (search report)
• [AD] DE 4314544 A1 19931111 - GABRIEL MARTIN [DE]
• [AD] EP 0556694 A1 19930825 - PIERBURG GMBH [DE]
• [A] EP 0890791 A1 19990113 - ELECTROWATT TECH INNOVAT CORP [CH]
• [A] EP 0833106 A2 19980401 - HONEYWELL BV [NL]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
EP 1331445 A2 20030730; EP 1331445 A3 20040616; EP 1331445 B1 20060920; AT E340340 T1 20061015; DE 20201182 U1 20020523; DE 50305082 D1 20061102

DOCDB simple family (application)
EP 03001564 A 20030123; AT 03001564 T 20030123; DE 20201182 U 20020125; DE 50305082 T 20030123