

Title (en)
EXCESS-AIR PREMIX GAS BURNER FOR GAS HEATING DEVICES

Publication
EP 0314897 B1 19910123 (DE)

Application
EP 88114596 A 19880907

Priority
DE 8714532 U 19871031

Abstract (en)
[origin: EP0314897A1] The burner has as outlet for the fuel/air mixture an uncooled perforated burner plate (6) which, with rectangular shape, is gently curved in the manner of a cylindrical casing and is held along all four edges in the burner housing (1, 4, 5) by a frame-like enclosure (9, 11, 12), in which the burner plate (6) is movable longitudinally expandably in all directions and which encloses the edges of the burner plate (6) so as to seal against blowbacks. <IMAGE>

IPC 1-7
F23D 14/14

IPC 8 full level
F23D 14/02 (2006.01); **F23D 14/14** (2006.01); **F23D 14/76** (2006.01)

CPC (source: EP)
F23D 14/02 (2013.01); **F23D 14/76** (2013.01); **F23D 2211/00** (2013.01)

Cited by
US5375998A; EP0844435A1; CN109690190A; NL2032443B1; EP0774623A1; NL1001688C2; EP1256760A1; NL1018054C2; EP0816758A1; NL1003311C2; WO2024013046A1; EP2037175B1

Designated contracting state (EPC)
AT CH DE FR GB IT LI NL

DOCDB simple family (publication)
EP 0314897 A1 19890510; EP 0314897 B1 19910123; AT E60420 T1 19910215; DE 3861659 D1 19910228; DE 8714532 U1 19871210

DOCDB simple family (application)
EP 88114596 A 19880907; AT 88114596 T 19880907; DE 3861659 T 19880907; DE 8714532 U 19871031