

Title (en)
An air-gas mixing device particularly for gas burners with forced ventilation

Title (de)
Luft-Gasmischvorrichtung insbesondere für Gebläsebrenner

Title (fr)
Dispositif de mélange air-gaz notamment pour brûleurs à air soufflé

Publication
EP 0846916 A3 19990210 (EN)

Application
EP 97201892 A 19970620

Priority
IT PD960300 A 19961206

Abstract (en)
[origin: EP0846916A2] An air-gas mixing device comprises a Venturi duct (3) inside which a portion (12) with a restricted cross-section is defined and outside which a gas-distribution chamber (16) is defined; gas-induction passageways (21a-d; 101a-d) open in the wall of the portion with a restricted cross-section, between the gas-distribution chamber (16) and the interior of the Venturi duct (3), and are formed in the Venturi duct with orientations having an axial component. <IMAGE>

IPC 1-7
F23D 14/64

IPC 8 full level
F23D 14/64 (2006.01)

CPC (source: EP)
F23D 14/64 (2013.01)

Citation (search report)

- [X] WO 9409326 A1 19940428 - MIKUSEK HYNEK [CZ]
- [X] NL 1000129 C1 19960513 - ATAG VERWARMING BV [NL]
- [A] US 4033714 A 19770705 - LONGWORTH ALFRED
- [A] EP 0685684 A2 19951206 - BUDERUS HEIZTECHNIK GMBH [DE]

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Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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