

Title (en)
Burner for industrial furnaces

Title (de)
Brenner für Industrieöfen

Title (fr)
Brûleur pour fours industriels

Publication
EP 0543323 B1 19960717 (DE)

Application
EP 92119603 A 19921117

Priority
DE 4138433 A 19911122

Abstract (en)
[origin: EP0543323A2] A burner for industrial furnaces has a combustion chamber which is arranged in the furnace space and in which a mixture of combustion gas and burner air is combusted and from which a flame (89) is directed into the furnace space. An ignition chamber (68), which is separate from the combustion chamber (66) and in which a predetermined mixture of combustion gas and burner air can be adjusted, is also provided. <IMAGE>

IPC 1-7
F23C 3/00; **F23D 14/22**

IPC 8 full level
F23C 3/00 (2006.01); **F23D 14/22** (2006.01)

CPC (source: EP US)
F23C 3/00 (2013.01 - EP US); **F23D 14/22** (2013.01 - EP US); **F23C 2900/03005** (2013.01 - EP US); **F23D 2207/00** (2013.01 - EP US)

Cited by
EP0931980A1; US6186775B1

Designated contracting state (EPC)
AT BE CH DE ES FR IT LI NL SE

DOCDB simple family (publication)
EP 0543323 A2 19930526; **EP 0543323 A3 19930908**; **EP 0543323 B1 19960717**; AT E140525 T1 19960815; BR 9204612 A 19930525; DE 4138433 A1 19930527; DE 4138433 C2 19960328; DE 59206779 D1 19960822; ES 2090461 T3 19961016; HU 9203454 D0 19930301; US 5460515 A 19951024

DOCDB simple family (application)
EP 92119603 A 19921117; AT 92119603 T 19921117; BR 9204612 A 19921123; DE 4138433 A 19911122; DE 59206779 T 19921117; ES 92119603 T 19921117; HU 9203454 A 19921104; US 33679894 A 19941109