

Title (en)
Furnace

Title (de)
Feuerungsanlage

Title (fr)
Foyer

Publication
EP 0629817 B1 19980819 (DE)

Application
EP 94108586 A 19940604

Priority
DE 4320212 A 19930618

Abstract (en)
[origin: EP0629817A2] In a furnace which essentially consists of a combustion chamber (11) with a pre-mixing burner (200), means (300) which consist of individual injector nozzles are used to form combustion air (15, 16) consisting of fresh air (19) and flue gas (20). These injector nozzles are located outside the interior space of the pre-mixing burner (200) but are placed in the inflow of the fresh air (19) to the interior space. The injector nozzles through which fresh air flows develop a suction effect relative to the flue gases (20) to form the combustion air (15, 16) for operating the pre-mixing burner (200). <IMAGE>

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F23C 9/00; **F23C 7/00**; **F23D 11/40**

IPC 8 full level
F23C 7/00 (2006.01); **F23C 9/00** (2006.01); **F23D 11/40** (2006.01)

CPC (source: EP US)
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Cited by
WO2015140084A1; WO2015140085A1; DE102014205200B3; EP0881431A3; EP0777081A3; DE102014205198A1; CN106461209A; EP1262714A1; DE102014205201A1; EP0777082A3; US5727938A; EP0866267A1; US6009840A; EP0866269A1; US5961315A; EP0866268A1; US5961313A; EP0851176A3; US6672863B2; EP0777082A2

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