

Title (en)

Method of supplying combustion air and firing installation.

Title (de)

Verfahren zur Verbrennungsluftzuführung und Feuerungsanlage.

Title (fr)

Procédé pour l'admission d'air de combustion et installation de chauffage.

Publication

**EP 0498014 B1 19940504 (DE)**

Application

**EP 91101711 A 19910207**

Priority

EP 91101711 A 19910207

Abstract (en)

[origin: EP0498014A1] The method for supplying combustion air for grate firings, in which primary combustion air is introduced through the fuel and secondary combustion air is introduced directly into the flue gas stream, and in which furthermore a portion of the flue gas is diverted from the flue gas stream and fed back to the combustion process again, includes the sucking out of flue gas directly above the fuel in the region of a high unused primary air fraction and the supply of this sucked-out flue gas to the combustion air, the quantity of which is reduced corresponding to the quantity of flue gas to be added. <IMAGE>

IPC 1-7

**F23B 1/14**; **F23L 1/02**; **F23L 9/02**; **F23B 1/18**

IPC 8 full level

**F23G 5/00** (2006.01); **F23G 5/14** (2006.01); **F23G 5/44** (2006.01); **F23L 1/00** (2006.01); **F23L 1/02** (2006.01); **F23L 9/02** (2006.01)

CPC (source: EP US)

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Cited by

EP1901003A1; WO2020229285A1; DE102006026434B3; MD4188C1; EP2461098A3; DE102012000262B4; EP3739264A1; MD3917C2; DE102017008123A1; DE4232488C1; EP0590371A1; NO343507B1; DE102005009957A1; DE102005009957B4; EP1698827A3; US8210112B2; US7832342B2; WO2013104407A3; WO2009072909A3; WO2008031410A1; EP2461098A2; WO2009072909A2; DE102012000262A1; WO2013104407A2; US7975628B2

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