

Title (en)

Method and device for removing deposits from supply nozzles or conduits of combustion installations

Title (de)

Verfahren und Vorrichtung zum Entfernen von Ablagerungen in und an Zuführungsdüsen oder Zuführungsrohren von Feuerungsanlagen

Title (fr)

Procédé et dispositif pour enlever les dépôts dans des buses ou des tubes d'amenée dans les installations de combustion

Publication

EP 0874196 A3 19991103 (DE)

Application

EP 98105977 A 19980401

Priority

DE 19717378 A 19970424

Abstract (en)

[origin: EP0874196A2] A lance (27) is inserted inside a feeder nozzle (20) or pipe for recirculated flue gas belonging to a furnace. The front free end of the lance has a nozzle head (28) with adjustable spray angle. The feeder pipe (30) to the lance is used as a regulatable valve arrangement (29). It is used for opening and shutting the medium inflow, pressure and quantity and for adjusting opening periods and intervals between two opening phases with regulator (32).

IPC 1-7

F23J 3/00; **F23G 5/00**

IPC 8 full level

F23J 3/02 (2006.01); **F22B 37/48** (2006.01); **F23C 9/08** (2006.01); **F23G 5/00** (2006.01); **F23G 5/14** (2006.01); **F23J 3/00** (2006.01); **F23J 9/00** (2006.01); **F23L 9/02** (2006.01)

CPC (source: EP US)

F22B 37/48 (2013.01 - EP US); **F23G 5/14** (2013.01 - EP US); **F23J 3/00** (2013.01 - EP US); **F23L 9/02** (2013.01 - EP US); **F23G 2203/101** (2013.01 - EP US); **F23G 2900/00001** (2013.01 - EP US)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 008, no. 227 (M - 332) 18 October 1984 (1984-10-18)
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