

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 B1 20021023 (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**; **F23L 9/02**

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)

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Cited by

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**EP 0874196 A2 19981028**; **EP 0874196 A3 19991103**; **EP 0874196 B1 20021023**; AT E226706 T1 20021115; BR 9801429 A 19990330; CA 2234804 A1 19981024; CA 2234804 C 20040608; CZ 124898 A3 19990217; CZ 288190 B6 20010516; DE 19717378 A1 19981029; DE 59806011 D1 20021128; DK 0874196 T3 20030217; ES 2184159 T3 20030401; JP 2868761 B2 19990310; JP H10306913 A 19981117; NO 312982 B1 20020722; NO 981805 D0 19980422; NO 981805 L 19981026; PL 191420 B1 20060531; PL 325947 A1 19981026; PT 874196 E 20030331; RU 2143087 C1 19991220; SG 75832 A1 20001024; TW 346533 B 19981201; UA 41463 C2 20010917; US 6105590 A 20000822

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