

Title (en)

A FEEDING DEVICE FOR A FLUID TO A COMBUSTION CHAMBER

Title (de)

FLÜSSIGKEITSVERSORGUNG EINER BRENNKAMMER

Title (fr)

DISPOSITIF D'ALIMENTATION EN FLUIDE D'UNE CHAMBRE DE COMBUSTION

Publication

**EP 1247047 B1 20041027 (EN)**

Application

**EP 01942407 A 20010112**

Priority

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- SE 0000103 A 20000114

Abstract (en)

[origin: WO0151854A1] A device for supplying fluid to a combustion chamber (3) of a furnace (2) or technically equivalent plant includes a pipe which has peripheral openings (5e) and which is supported externally of the furnace combustion chamber (3), and means for moving the pipe axially into and out of an opening in the chamber wall. The fluid is supplied through a flexible hose (7). A cleaning device is arranged in a supply device housing (11) and functions to clean the pipe as the pipe moves inwardly and/or outwardly. Threaded plugs that function as nozzles through which fluid is delivered to the chamber are screwed into one or more of the openings (5e). One (9) of the plugs is provided with a camera lens (60) that enables an on-line study and/or photoelectric recording of the combustion process in the chamber (3) to be made.

IPC 1-7

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IPC 8 full level

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