

Title (en)

Fireplace with primary and secondary air supply.

Title (de)

Cheminée mit Primär- und Sekundärluft.

Title (fr)

Cheminée à air primaire et secondaire.

Publication

EP 0559619 B1 19951025 (DE)

Application

EP 93810140 A 19930226

Priority

CH 69992 A 19920305

Abstract (en)

[origin: EP0559619A1] The combustion air is supplied to the combustion chamber (3) as primary air and secondary air via a throttling arrangement (10). A slide (21) provided with slots (23) is actuated either by hand or time-dependently by motor-moved adjustment members. The primary air is supplied via a frame to the underside of the furnace grate (25). The secondary air passes via two vertical ducts (30) arranged inside the combustion chamber (3) into a transverse duct (34), from which it flows out in a preheated state through slots downwards into the combustion chamber (3). As a result of this air guidance, the combustion process can be optimised, the harmful-substance content of the waste gases can be reduced and the efficiency can be improved. <IMAGE>

IPC 1-7

F24B 5/02; **F24B 1/19**

IPC 8 full level

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CPC (source: EP)

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