

Title (en)

Protective device for the glass pane of an open hearth fireplace.

Title (de)

Schutzeinrichtung für die Glasscheibe eines Kamins.

Title (fr)

Dispositif protecteur pour la plaque de verre d'une cheminée.

Publication

EP 0047996 A2 19820324 (EN)

Application

EP 81107185 A 19810911

Priority

IT 2468980 A 19800916

Abstract (en)

The invention relates to a device intended for protecting from the flame action a glass pane mounted on the hearth of a fireplace for the purpose of restricting the flow of air being drawn from the surroundings through the flue under natural draft conditions. The technical problem to be solved is that of providing a simple and economically convenient device which can prevent the glass pane from overheating and blackening over its clear portion owing to the tarry residues of combustion. The solution to the problem is provided by a protective device, which comprises air conveying shaped interspaces adapted to convey air parallel to and in close contact with the glass pane (2) surface facing the fireplace (1) interior, and to create, by virtue of the draft action applied by the flue, laminar airflows which creep along the inner side of the glass pane (2).

IPC 1-7

F24B 1/18

IPC 8 full level

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CPC (source: EP)

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Cited by

EP0058627A1; FR2609785A1; FR2641603A1; US7849644B2; US6869278B2; DE3229585A1; FR2712669A1; ITTO20090656A1; GB2121162A; US4487195A; US4683868A; DE3711849A1; US7234932B2; US8869473B2; US9803416B2; US10435939B2

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