

Title (en)
DEVICE FOR RECOVERING CALORIFIC VALUES IN CHIMNEYS OF OPEN FIRES

Publication
EP 0029783 B1 19850320 (FR)

Application
EP 80401668 A 19801120

Priority
FR 7929619 A 19791127

Abstract (en)
[origin: EP0029783A1] 1. An arrangement for recovering the heat in open fireplaces comprising a space (9) having possibly one wall serving as a hearth plate (1) and one vertical wall serving as a back plate (4), over which air to be heated circulates, comprising also, within the space (9), a plurality of generally upwards directed and continuously rising tubes (14), said tubes (14) opening at the bottom transversely of the back plate (4), and, at the top, opening into the flue (8), characterized in that the top of said space (9) lets fireplace volume communicate directly with the flue (8), in that lower inlet openings of the tubes (14) are at the level of wood and/or burning embers, and in that said tubes (14) have a restricted cross-section area, of about 7 cm**2.

IPC 1-7
F24B 7/04

IPC 8 full level
F24B 1/188 (2006.01); **F24B 7/04** (2006.01)

CPC (source: EP)
F24B 1/1886 (2013.01)

Cited by
EP0067383A1; FR2660052A1; GB2213577A; FR3012576A1; WO9114902A1

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