

Title (en)

Solid fuel burning stove and catalytic converter.

Title (de)

Ofen zum Verbrennen festen Brennstoffs und katalytischer Konverter.

Title (fr)

PÔle brulant combustible solide et convertisseur catalytique.

Publication

EP 0037281 A2 19811007 (EN)

Application

EP 81301389 A 19810331

Priority

- US 13668780 A 19800402
- US 17315580 A 19800728

Abstract (en)

A stove for use in burning solid fuel such as coal or wood has a catalytic converter (24) which comprises a plurality of catalytic cells which may be located in the flue (20) of the stove. Each cell has a length oriented in the direction of the flow of the exhaust and a volume in cubic inches expressed as functions of the density (N) of the cells in a direction perpendicular to the exhaust flow. This function is at least: <IMAGE>

IPC 1-7

F23J 15/00; **F23B 5/04**; **F24B 13/00**

IPC 8 full level

F24B 1/00 (2006.01); **F24B 1/187** (2006.01); **F24B 5/02** (2006.01); **F24B 13/00** (2006.01)

CPC (source: EP US)

F23B 5/00 (2013.01 - EP); **F24B 1/006** (2013.01 - EP); **F24B 5/026** (2013.01 - EP); **F24B 13/00** (2013.01 - EP US); **F24B 13/004** (2013.01 - EP)

Cited by

DE3404237A1; US4646712A; US5816237A; EP0072391A1; IT201800006316A1; NL2001058C2; AT399931B; WO8201931A1; ITUD20110023A1; DE102007027136A1; US4582044A; EP0087259A1; EP2910854A3; GB2121162A; FR2527746A1; US4487195A; US4683868A; FR2597196A1; BE1001313A3; GB2623332A; WO2013159782A1; WO2009072875A1

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