

Title (en)
STOVE

Publication
EP 0081028 B1 19860226 (DE)

Application
EP 81890195 A 19811207

Priority
EP 81890195 A 19811207

Abstract (en)
[origin: EP0081028A1] 1. A stove having a ceramic shell, which encloses a fuel-firing chamber (3) and a helical flue and is composed of vertically superimposed shaped bricks (1a, 1b, 1c, 1d), which have the corresponding cross-sectional shape of the furnace and are provided on their confronting end faces with complementary centering steps (7), wherein the lowermost shaped brick (1a) consists of a bottom tub, which is adapted to be supported on a base frame (2), the uppermost shaped brick consists of a cover, which is provided with a fitting (5) for connection to a flue pipe, the intermediate shaped bricks (1b, 1c) are substantially identical in shape at least in groups, and a refractory insert (10) is positively retained adjacent to the firing chamber (3), characterized in that the shaped bricks (1a, 1b, 1c, 1d) are provided in their confronting end faces with an annular groove (8), which is covered by the adjacent shaped brick and serves to accommodate a refractory sealing cord (9), the refractory insert (10) encloses the firing chamber (3), and each of the shaped bricks (1c) which are disposed over the refractory insert (10) constitutes at least one convolution of a helical flue passage (4), which convolution surrounds a core.

IPC 1-7
F24B 5/02; **F24B 1/04**

IPC 8 full level
F24B 1/04 (2006.01); **F24B 5/02** (2006.01)

CPC (source: EP)
F24B 1/04 (2013.01); **F24B 5/02** (2013.01)

Citation (examination)
• DE 202024 C
• DE 361797 C 19231027 - FUNKE OFEN GES M B H

Cited by
AT547U1; EP0361448A3; CN110433437A; DE102007047583B4; DE102013004231A1; DE102016014734A1; DE102007047583A1; EP2045528A1

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