

Title (en)

Aerated Chimney

Title (de)

Hinterlüfteter Kamin

Title (fr)

Cheminée aérée

Publication

**EP 1503143 B1 20060726 (DE)**

Application

**EP 04004810 A 20040302**

Priority

- AT 80242003 A 20030318
- AT 1862003 U 20030318

Abstract (en)

[origin: EP1503143A1] The chimney flue (3) is of circular cross-section and is made in sections fitted together (12) at the level of each floor (9). Distance pieces (13) support the flue sections and hold them in a central position in the circular cross-section air duct (5) of the chimney (1). The air duct is made in sections, and is surrounded by heat insulation material (4) inside a square-section outer casing (6). The passage through each floor (7) is large enough to leave an air gap which is filled at the top by spacer elements (10,11). External plates (8) overlap the joints between the outer casings. There are metal plates (16) holding fireproof plates (14) at the joints.

IPC 8 full level

**F23J 13/02** (2006.01); **F23J 13/04** (2006.01)

CPC (source: EP)

**F23J 13/04** (2013.01); **F23J 2213/202** (2013.01)

Cited by

GB2481623A; GB2481623B; GB2507432A; GB2507432B; CN113944298A

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1503143 A1 20050202**; **EP 1503143 B1 20060726**; AT 411929 B 20040726; AT A80242003 A 20031215; AT E334345 T1 20060815; DE 502004001019 D1 20060907; PL 1503143 T3 20061229

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