

Title (en)

Steam generator fired by a fossil fuel.

Title (de)

Dampferzeuger mit einer Feuerung für fossile Brennstoffe.

Title (fr)

Générateur de vapeur avec un foyer à combustible fossile.

Publication

**EP 0217079 B2 19931027 (DE)**

Application

**EP 86111016 A 19860809**

Priority

CH 411085 A 19850923

Abstract (en)

[origin: US4782793A] The fossil-fuel fired vapor generator has a vertical flue formed of vertical tubes and a funnel at the bottom end which is formed by helically extending tubes. In addition, the helically extending tubes are in communication with the vertically extending flue tubes via bifurcation elements in order to convey the working medium upwardly into the flue tubes. The flue may be of rectangular cross-section with the funnel of similar shape or the flue may be of at least a pentagonal cross-section while the funnel has a rectangular outlet opening.

IPC 1-7

**F22B 37/14**

IPC 8 full level

**F22B 37/10** (2006.01); **F22B 17/00** (2006.01); **F22B 37/14** (2006.01)

CPC (source: EP US)

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Cited by

DE10159381B4; DE9412875U1; DE19548171A1; GR20010100548A

Designated contracting state (EPC)

DE FR IT

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**EP 0217079 A1 19870408; EP 0217079 B1 19900606; EP 0217079 B2 19931027;** AU 586889 B2 19890727; AU 6300186 A 19870326; CA 1301567 C 19920526; CN 1016532 B 19920506; CN 86105778 A 19870318; DE 3671795 D1 19900712; JP 2551561 B2 19961106; JP S6269003 A 19870330; PL 261411 A1 19870824; US 4782793 A 19881108

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**EP 86111016 A 19860809;** AU 6300186 A 19860922; CA 514364 A 19860722; CN 86105778 A 19860721; DE 3671795 T 19860809; JP 19301886 A 19860820; PL 26141186 A 19860916; US 89869386 A 19860821