

Title (en)

STEAM GENERATOR FOR BURNING BROWN COAL WITH DIFFERENT COMPOSITIONS

Publication

**EP 0339185 B1 19910828 (DE)**

Application

**EP 89101389 A 19890127**

Priority

DE 3814314 A 19880428

Abstract (en)

[origin: EP0339185A1] For burning lignite with ash of varying composition in the fluidised bed (6) of one and the same steam generator, one of the heating surfaces (12, 13), which are arranged in flue gas passes (2, 3) downstream of the fluidised bed (6), is connected by means of connecting lines (43, 44, 45) which can be isolated, either as an economiser or as a superheater, as desired. The connection as economiser is selected if, for setting a fuel-dependent, low bed temperature of preferably 730 to 760 degrees C in the fluidised bed (6), a predetermined flue gas rate is recycled via the recirculation line (29). The heating surface (12, 13) is connected as superheater if, for setting a fuel-dependent, higher bed temperature of preferably 820 to 850 degrees C in the fluidised bed (6), a lower flue gas rate is recycled. (Figure 2) <IMAGE>

IPC 1-7

**F22B 31/00; F23C 9/00**

IPC 8 full level

**F22B 31/00** (2006.01); **F23C 9/00** (2006.01)

CPC (source: EP US)

**F22B 31/003** (2013.01 - EP US); **F23C 9/003** (2013.01 - EP US)

Cited by

FR2711224A1; EP0663561A1; CH688837A5

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

**DE 3814314 C1 19890622**; AU 3237789 A 19891102; AU 604603 B2 19901220; DD 280578 A5 19900711; DE 58900239 D1 19911002; EP 0339185 A1 19891102; EP 0339185 B1 19910828; HR P930404 A2 19940831; US 4913097 A 19900403; YU 47157 B 19950131; YU 83089 A 19930528

DOCDB simple family (application)

**DE 3814314 A 19880428**; AU 3237789 A 19890331; DD 32792189 A 19890424; DE 58900239 T 19890127; EP 89101389 A 19890127; HR P930404 A 19930319; US 33310489 A 19890404; YU 83089 A 19890421