

Title (en)
FLUIDIZED-BED FURNACE

Publication
EP 0157901 B1 19900808 (DE)

Application
EP 84106553 A 19840607

Priority
CH 181684 A 19840411

Abstract (en)
[origin: EP0157901A2] 1. A fluidised bed furnace comprising a combustion chamber having walls and a floor made up of wall tube which are welded to one another in gas-tight manner and convey a heat transfer medium, and the floor has air openings, means for supplying fuel, additives and air being provided and a post-combustion chamber being formed in the combustion chamber above the fluidised bed, characterised in that at least one static mixer (30) is disposed in the post-combustion chamber (19) and comprises vertical panels (31, 32; 37, 38) distributed over the entire cross-section of the post-combustion chamber (19) and leaving intersecting ducts between them, the flue gas flow rising from the fluidised bed (18) being divided into a number of repeatedly intersecting sub-flows in the ducts.

IPC 1-7
F23C 11/02

IPC 8 full level
F23C 6/04 (2006.01); **F23C 10/00** (2006.01)

CPC (source: EP)
F23C 6/045 (2013.01); **F23C 10/002** (2013.01)

Cited by
EP0443850A3; EP0509364A3; US5257585A; DE3822999C1; DE3726483A1; EP0319722A1

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DE 3482955 D1 19900913; JP S60218507 A 19851101

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