

Title (en)
SWIRLING TYPE FLUIDIZED BED FURNACE

Title (de)
WIRBELBETTFEUERUNG VOM WIRBELUNGSTYP

Title (fr)
FOUR À LIT FLUIDISÉ DE TYPE TOURBILLONNAIRE

Publication
EP 2933557 B1 20170607 (EN)

Application
EP 15163680 A 20150415

Priority
JP 2014084374 A 20140416

Abstract (en)
[origin: EP2933557A1] Provided is a swirling type fluidized bed furnace capable of supplying a moving layer with an appropriate air quantity without providing a moving-layer pipe with a flow meter or a damper. A swirling type fluidized bed furnace 10 of the present invention includes a furnace body 11, a moving bed plate 32a supporting a moving layer 22, a first fluidized bed plate 34a and a second fluidized bed plate 36a supporting a fluidized layer 24, a roots blower 60 supplying the moving layer 22 with gas, and a turbo blower 40 supplying the fluidized layer 24 with gas, wherein the roots blower 60 is a volumetric air blower (60).

IPC 8 full level
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