

Title (en)

INSULATED CERAMIC FIBER REFRACTORY MODULE

Publication

EP 0024818 B1 19840425 (EN)

Application

EP 80302570 A 19800728

Priority

- US 6091579 A 19790726
- US 15743280 A 19800609

Abstract (en)

[origin: EP0024818A1] A ceramic fiber module (A) comprising a shell (10) and interior layers (11, 12, 13, 14) of ceramic fiber blankets is attached to the wall (15) of a furnace so that the ceramic fibers in the layers are in planes parallel to the wall. The layers are joined together and to the shell by an anchor pin (17) and/or refractory cement. The module (A) is anchored to the furnace wall by joining the anchor pin (17) to the base (18) which forms the sixth side of the shell (10). The base (18) is inserted into the retaining bracket (19) which is mounted on the furnace wall. The parallel layering of the ceramic fiber blankets permits the use of highly refractory blankets near the hot face and insulating blankets near the furnace wall.

IPC 1-7

F27D 1/06; **F16L 59/02**

IPC 8 full level

F27D 1/00 (2006.01)

CPC (source: EP)

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Cited by

US5010706A; EP0123165A1; FR2522801A1; US4633636A; GB2159612A; FR2564959A1; EP0082361B1

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