

Title (en)

HEATING CHAMBER WITH INNER HEATING PIPES

Title (de)

HEIZKAMMER MIT INNEN LIEGENDEN HEIZROHREN

Title (fr)

CHAMBRE DE CHAUFFE COMPORTANT DES TUBES DE CHAUFFAGE INTERIEURS

Publication

EP 0713517 A1 19960529 (DE)

Application

EP 94921600 A 19940726

Priority

- DE 9400866 W 19940726
- DE 4326678 A 19930809

Abstract (en)

[origin: US5992019A] Method of replacing inner heating tubes in a heating chamber where the heating tubes are replaced by cutting the collars at pre-designated points on the two ends of the heating tube such that the welding seams holding the heating tube are removed. The collar containing a length compensator can be cut either before or after the length compensator depending on whether replacement of the length compensator is desired. The heating tubes are removed by moving the heating tubes out of the interior of the drum chamber through an opening in one of the two ends of the heating tube. New heating tubes containing an impact shell and a centering bushing, are inserted through an opening in one of the two ends of the heating tube. After a heating tube is inserted, the heating tube is raised such that the centering bushing can be inserted and centered in the collar. Then the heating tubes are welded at their two ends to the bushing of the collars.

IPC 1-7

C10B 1/10; **F27B 7/04**; **F28F 9/18**; **F28D 11/04**

IPC 8 full level

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