

Title (en)

REVERSE SLANT LINING STRUCTURE OF FURNACE WITH REDUCED PART STRUCTURE

Title (de)

OFENAUSKLEIDUNGSSTRUKTUR MIT RÜCKWÄRTSNEIGUNG UND REDUZIERTER TEILESTRUKTUR

Title (fr)

STRUCTURE DE FOUR À REVÊTEMENT INCLINÉ INVERSE COMPORTANT UNE PARTIE RÉDUITE

Publication

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Application

**EP 06711706 A 20060116**

Priority

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Abstract (en)

The present invention provides a reverse slant lining structure for a furnace having a cone part structure capable of achieving stable operation by laying lining bricks at the reduced part of the furnace by a reverse slant method to prevent the bricks from cracking. The structure is formed by laying the lining bricks (7a) so that the center axis (14) of the lining bricks (7a) at the cone part (7) in the thickness direction is positioned on the iron shell surface (1a) of the cone part (7) on an acute angle side (13) between an upside axis (12) vertically extending from a furnace bottom (4) to a furnace throat (8) along the iron shell (1) and a perpendicular axis (11) perpendicular to the iron shell surface (1a) of a straight barrel part (6).

IPC 8 full level

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