

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

EP 1852666 A4 20080910 (EN)

Application

EP 06711706 A 20060116

Priority

- JP 2006300425 W 20060116
- JP 2005013110 A 20050120

Abstract (en)

[origin: EP1852666A1] 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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CPC (source: EP KR)

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Citation (search report)

- No further relevant documents disclosed
- See references of WO 2006077786A1

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