

Title (en)
REFRACTORY INNER LAYER FOR INDUSTRIAL FURNACES

Title (de)
FEUERFESTE INNENSCHICHT FÜR INDUSTRIEÖFEN

Title (fr)
COUCHE INTÉRIEURE RÉFRACTAIRE POUR FOURS INDUSTRIELS

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Abstract (en)
[origin: WO2013160339A2] The invention relates to a wall element (3a) of a refractory inner layer (3) for an industrial furnace wall (2) provided with a middle layer (4), and relates to a wall part (4a) of an inner layer (3) comprising a side A3, 14, which has a surface normal N, can be made to face the middle layer (4) or inner layer (3) and has a thickness of the height d, and comprising an inner side (13), which is arranged opposite the rear side A3, wherein at least one tenon (3.1, 4.1), extending in the direction R of the surface normal N, or at least one mortise (3.1, 4.1), extending in the direction R of the surface normal N, is provided on the side A3, 14, which tenon/mortise can be brought into an interlocking engagement F, acting at right angles to the surface normal N with a mortise (4.1, 3.1) or a tenon (4.1, 3.1) of a middle layer (4) or inner layer (3). The invention also relates to a protective lining (1) for an industrial furnace wall (2) comprising a refractory inner layer (3) and a middle layer (4) arranged between the inner layer (3) and the industrial furnace wall (2).

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