

Title (en)

CHAMBER SETTING WITH IMPROVED EXPANSION JOINTS AND BRICKS FOR MAKING SAME

Title (de)

KAMMERANORDNUNG MIT VERBESSERTEN DEHNUNGSFUGEN UND ZIEGEL ZU DEREN HERSTELLUNG

Title (fr)

FOUR A CHAMBRES AVEC DES JOINTS DE DILATATION AMELIORES ET BRIQUES DESTINEES A SA REALISATION

Publication

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Application

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Abstract (en)

[origin: WO2007006962A2] The invention concerns rotating fire furnaces whereof at least one of the inner partitions is formed of a plurality of refractory material bricks including at least one first brick (15a) and one second brick (15b) placed above or beneath a third brick (15c) and separated from each other by a space (13, 14) of width J, wherein the first brick (15a) comprises at least one recess (158d, 158'd) on its assembling surface opposite the third brick (15c), the third brick (15c) comprises at least one protuberance (155d, 155'd) on its assembling face opposite the first brick (15a), the protuberance being engaged in the recess, the dimension E of said recess (158d) in the longitudinal direction of the partition is greater than the dimension B of said first protuberance (155d) in the same direction, and said recess (158d) is spaced apart by a specific distance (Se) from the end surface (152) adjacent said space (13, 14). The invention enables some bricks to be slid on one another, while the cohesion and the strength of the partition are maintained, during the movements caused by expansion and contraction of the bricks.

IPC 8 full level

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