

Title (en)
OVEN WALL ARRANGEMENT

Title (de)
OFENWANDANORDNUNG

Title (fr)
AGENCEMENT DE FOUR MURAL

Publication
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Application
EP 14796416 A 20141031

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Abstract (en)
[origin: WO2015070953A1] The invention relates to a furnace wall arrangement of an industrial furnace having a furnace wall and having at least one protective element which is composed of fire-resistant material and which is fastened at one end to an inner face of the furnace wall. The object of the present invention is to propose a tank wall arrangement which is distinguished by good heat transfer between the protective element and the furnace wall. The object is achieved by a furnace wall arrangement which has cooling ribs which are arranged between the inner face of the furnace wall and an outer face of the protective element, wherein the cooling ribs have a specific thermal conductivity which is greater than a specific thermal conductivity of a cleaving medium between the furnace wall and the protective element.

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Citation (examination)
• US 5107798 A 19920428 - GEREP MARCIO [BR]
• US 2012043065 A1 20120223 - RANNE PASI [FI], et al
• US 2077410 A 19370420 - ISAAC HARTER, et al
• US 1772486 A 19300812 - HOBBS JAMES C

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