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SHAFT FURNACE

Title (de)
SCHACHTOFEN

Title (fr)
FOUR VERTICAL

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Abstract (en)
[origin: WO0009765A1] The invention relates to a shaft furnace, especially a direct reduction shaft furnace, with a charge of lump materials (2), especially materials containing iron oxide and/or spore iron, which can be introduced into the furnace from above and also comprising a plurality of inlets (3) for a reduction gas arranged on a plane in the region of the lower third part of the furnace, whereby the profile of the furnace has an extended diameter (7) and a cavity (8) is formed between the gas inlets (3) and the charge (2). The inventive furnace enables gas to be supplied and distributed in a uniform manner along the periphery of said furnace.

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