

Title (en)

METHOD AND DEVICE FOR CONDUCTING THE FLOW IN INDUSTRIAL FURNACES FOR THE THERMAL TREATMENT OF METAL MATERIALS/WORKPIECES

Title (de)

VERFAHREN UND EINRICHTUNG ZUR LEITUNG DER STRÖMUNG IN INDUSTRIEÖFEN FÜR DIE WÄRMEBEHANDLUNG VON METALLISCHEN WERKSTOFFEN/WERKSTÜCKEN

Title (fr)

PROCÉDÉ ET DISPOSITIF DESTINÉS À GUIDER UN ÉCOULEMENT DANS DES FOURS INDUSTRIELS POUR LE TRAITEMENT THERMIQUE DE MATÉRIAUX/PIÈCES MÉTALLIQUES

Publication

**EP 2622107 A1 20130807 (DE)**

Application

**EP 10779212 A 20100924**

Priority

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Abstract (en)

[origin: WO2012037905A1] In a method and a device for conducting a flow of gases in the process of thermally treating a batch of metal materials/workpieces in an industrial furnace, to improve the flow conditions it is proposed to distribute the sucked-in heated gas uniformly in a re-cooling space, conduct it by means of a movable bulkhead to a pressure space and to a suction space, conduct the gas conducted in the direction of original flow directly to the batch by flow separation, then suck it away again and return it to the heating chamber again as cooling gas.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2012037905A1

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