

Title (en)

CONTINUOUS FURNACE COMPRISING A DEVICE FOR QUENCHING WORKPIECES AND QUENCHING METHOD

Title (de)

DURCHLAUFOFEN MIT EINER EINRICHTUNG ZUM ABSCHRECKEN VON WERKSTÜCKEN SOWIE ABSCHRECKVERFAHREN

Title (fr)

FOUR CONTINU POURVU D'UN DISPOSITIF POUR LA TREMPERIE DE PIECES ET PROCEDE DE TREMPERIE

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Application

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Abstract (en)

[origin: WO0044945A1] The invention relates to a continuous furnace comprising a device for quenching workpieces. The device adjoins a lock for the removal of the workpieces. A quenching chamber (7) adjoins the lock (5) vertically and is connected to a pump station (13) for a cooling gas. An opening (12) which can be closed so that it is gastight is located between the lock (5) and the quenching chamber (7). The lock (5) is provided with a conveying device (8) which conveys the workpieces (1) between the lock (5) and the quenching chamber (7). The invention provides an energy-saving and environmentally sound means of quenching workpieces and at the same time avoids the disadvantages of the quenching in liquid quenching means.

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IPC 8 full level

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CPC (source: EP)

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