

Title (en)
INSTALLATION FOR THE HEAT-TREATMENT OF PARTS

Title (de)
ANLAGE ZUR WÄRMEBEHANDLUNG VON WERKSTÜCKEN

Title (fr)
INSTALLATION POUR LE TRAITEMENT THERMIQUE DE PIÈCES À USINER

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Application
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Abstract (en)
[origin: WO03081156A1] The invention relates to an installation for the heat-treatment of parts (2), which comprises a rotary furnace (4) that can be rotated in a timed manner and that has an outer and an inner wall (4, 5) limiting a furnace chamber that is divided up into a heating zone (6) and at least one treatment zone (7 to 9) by means of vertically movable doors (5a-5e). The outer wall (4), in the heating zone (6), is provided with a closable opening (11) for charging or discharging the furnace. The installation further comprises a transport device for transporting the parts into or out from the rotary furnace, and a quenching device (19). According to the invention, a second closable opening (16) is disposed in the outer wall (2) of the rotary furnace (1) in the last treatment zone. Up-stream of said second opening (16), a sluice (17) is disposed. The quenching device (19) is configured as a quenching bath and is linked with the rotary furnace by means of the sluice (17).

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