

Title (en)
APPARATUS AND METHOD FOR CONTROLLING THE TEMPERATURE OF WORKPIECES

Title (de)
VORRICHTUNG UND VERFAHREN ZUM TEMPERIEREN VON WERKSTÜCKEN

Title (fr)
ARRANGEMENT ET PROCÉDÉ DE THERMOSTATISATION DE PIÈCES

Publication
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Application
EP 18799755 A 20181107

Priority
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Abstract (en)
[origin: WO2019096638A1] An apparatus (10) for controlling the temperature of workpieces (14), in particular of vehicle bodies, has a temperature-control tunnel (12), a traction chamber (26) and an intermediate floor (18) which is arranged between the temperature-control tunnel (12) and the traction chamber (26) and which has a connection passage (30). The apparatus (10) furthermore has a conveying device (20) for conveying the workpieces (14) in the temperature-control tunnel (12), wherein the conveying device (20) has at least one conveying carriage with a running gear (24) and has a workpiece carrier (16) for holding the workpieces (14) of which the temperature is to be controlled. The running gear (24) is arranged in the traction chamber (26) and is connected by means of a connecting device (28), which projects through the connection passage (30) of the intermediate floor (18), to the workpiece carrier (16) arranged in the temperature-control tunnel (12). To control the temperature of the traction chamber (26) and thus adequately protect the running gear (14) against heat or cold, the intermediate floor (18) is equipped at least in regions with an active cooling and/or heating means (40; 50).

IPC 8 full level
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