

Title (en)
Installation and process for the transport of metallic workpieces and installation for the heat treatment of metallic workpieces

Title (de)
Vorrichtung und Verfahren zum Transportieren metallischer Werkstücke sowie Anlage zur Wärmebehandlung dieser Werkstücke

Title (fr)
Installation et procédé pour transporter des pièces métalliques ainsi qu'une installation pour le traitement thermique de ces pièces

Publication
EP 1555330 B1 20070509 (DE)

Application
EP 05008611 A 20010126

Priority
EP 01101852 A 20010126

Abstract (en)
[origin: EP1555330A2] The arrangement has a heat-insulated transport chamber (10) to hold work pieces (20). The chamber is moved horizontally and designed to be vacuum-tight, and evacuated of air to create vacuum to protect work pieces from environmental influences. The chamber has a heating unit for heating a treatment chamber. The transport chamber has removable thermal insulation made of steel. A vacuum pump evacuates the air from the transport chamber. Independent claims are also included for the following: (a) a system for heat treating metallic work pieces; and (b) a method of transporting metallic work pieces during a heat treatment process.

IPC 8 full level
C21D 9/00 (2006.01); **F27D 3/00** (2006.01); **F27D 3/12** (2006.01); **C21D 1/773** (2006.01)

CPC (source: EP US)
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