

Title (en)

Apparatus for transporting metallic parts

Title (de)

Vorrichtung zum Transportieren metallischer Werkstücke

Title (fr)

Dispositif pour le transport de pièces métalliques

Publication

EP 1473372 B1 20060531 (DE)

Application

EP 03008400 A 20030411

Priority

EP 03008400 A 20030411

Abstract (en)

[origin: EP1473372A1] The device (1) has a heat-insulated and vacuum-tight transport chamber (2) for heat transports. A transport device (3) is provided for cold transports and a common drive is provided for the transport chamber and the transport device. A carrying rack is located relative to a mobile carriage for the transport chamber and the transport device. Another carriage supports the rack for the transport device. An independent claim is also included for a system for heat treatment of metallic work pieces.

IPC 8 full level

B65G 1/00 (2006.01); **C21D 9/00** (2006.01); **F27D 3/00** (2006.01); **F27D 3/12** (2006.01)

CPC (source: EP US)

C21D 9/0018 (2013.01 - EP US); **F27D 3/0024** (2013.01 - EP US); **F27D 3/12** (2013.01 - EP US); **C21D 9/0025** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

AT DE FR GB IT

DOCDB simple family (publication)

EP 1473372 A1 20041103; **EP 1473372 B1 20060531**; AT E328124 T1 20060615; CN 1540272 A 20041027; DE 50303571 D1 20060706; RU 2004110912 A 20051020; US 2004213647 A1 20041028

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EP 03008400 A 20030411; AT 03008400 T 20030411; CN 200410033499 A 20040412; DE 50303571 T 20030411; RU 2004110912 A 20040409; US 80802804 A 20040323