

Title (en)

Method and rotary hearth furnace for heat treating workpieces

Title (de)

Verfahren und Drehherdofen zum Wärmebehandeln von Werkstücken

Title (fr)

Procédé et four à sole tournante destinés au traitement thermique de pièces à usiner

Publication

EP 2685193 B1 20150114 (DE)

Application

EP 12175924 A 20120711

Priority

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Abstract (en)

[origin: EP2685193A1] The furnace (1) has an outer wall (3) and an inner wall that delimits a furnace chamber (6), a carburizing zone (7) and a subsequent treatment zone (8). The treatment zone has a perlite zone (11) that is provided downstream of a carburizing zone, and in which cooling units (17a,17b) are provided. An input airlock zone (18) is arranged between the carburizing zone and the perlite zone, and in which a pair of movable doors (12,14) is formed and workpiece (2) is received. An independent claim is included for a method for heat treatment of workpiece.

IPC 8 full level

C21D 9/00 (2006.01); **F27B 9/16** (2006.01)

CPC (source: EP)

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DOCDB simple family (publication)

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