

Title (en)

Method and device for heat treating workpieces

Title (de)

Verfahren und Vorrichtung zur Wärmebehandlung von Werkstücken

Title (fr)

Procédé et dispositif pour le traitement thermique de pièces

Publication

EP 1338658 A3 20050112 (DE)

Application

EP 03003368 A 20030214

Priority

DE 10208267 A 20020226

Abstract (en)

[origin: EP1338658A2] In the process, a fraction of the polluted gas is extracted from the treatment gas atmosphere, purified and returned. An Independent claim is included for corresponding plant.

IPC 1-7

C21D 1/76; **C21D 1/74**

IPC 8 full level

C21D 1/76 (2006.01); **C21D 9/00** (2006.01)

CPC (source: EP)

C21D 1/76 (2013.01); **C21D 1/763** (2013.01); **C21D 9/0056** (2013.01)

Citation (search report)

- [Y] EP 0320763 A1 19890621 - LINDE AG [DE]
- [Y] EP 0282715 A2 19880921 - JUNKER GMBH O [DE]
- [A] DE 19651878 A1 19980618 - MESSER GRIESHEIM GMBH [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 0113, no. 69 (C - 461) 2 December 1987 (1987-12-02)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

EP 1338658 A2 20030827; **EP 1338658 A3 20050112**; **EP 1338658 B1 20160106**; DE 10208267 A1 20030904

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