

Title (en)

Method and device for gas protection of production facilities for hot forming

Title (de)

Verfahren und Vorrichtung zur Schutzbegasung von Produktionsanlagen zur Warmumformung

Title (fr)

Procédé et dispositif destinés à l'aspersion de gaz d'installations de production de formage à chaud

Publication

EP 1847342 B1 20131120 (DE)

Application

EP 07007544 A 20070412

Priority

- DE 102006018383 A 20060420
- EP 06017998 A 20060829
- EP 07007544 A 20070412

Abstract (en)

[origin: EP1847342A1] Production of a protective gas atmosphere in a production plant for hot deforming metals comprises injecting the protective gas completely or partially into a continuous furnace (1) via a pressing chamber (3) and/or via a transport channel (2). A press with the pressing chamber is connected to the furnace via the transport channel so that a closed protective gas atmosphere is produced from the furnace inlet up to the pressing chamber and the metal is guided from the atmosphere only after deforming and cooling. An independent claim is also included for a device for producing a protective gas atmosphere in a production plant for hot deforming metals.

IPC 8 full level

B21J 5/00 (2006.01); **B21J 13/08** (2006.01); **B21J 17/00** (2006.01)

CPC (source: EP)

B21J 5/00 (2013.01); **B21J 13/085** (2013.01); **B21J 17/00** (2013.01); **C21D 1/613** (2013.01)

Cited by

CN102717023A; DE102012001335B4

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1847342 A1 20071024; EP 1847342 B1 20131120

DOCDB simple family (application)

EP 07007544 A 20070412