

Title (en)
FURNACE FOR THE PARTIAL HEAT TREATMENT OF TOOLS

Publication
EP 0122434 B1 19871104 (DE)

Application
EP 84102477 A 19840308

Priority
DE 3313651 A 19830415

Abstract (en)
[origin: US4682011A] For the partial heat treatment of tools which have a work surface and a clamping in region, there is disclosed a furnace, the useful space of which is subdivided into two separate heating spaces by a plate made of heat insulating material whereby the temperature in these heating spaces is lowered by disconnection of the connecting members between the individual heating elements of the all-around heating and the clamping in region of the work tools may be maintained below the conversion temperature of the metal.

IPC 1-7
C21D 9/00; **C21D 9/22**

IPC 8 full level
C21D 1/00 (2006.01); **C21D 9/00** (2006.01); **C21D 9/22** (2006.01)

CPC (source: EP US)
C21D 9/0025 (2013.01 - EP US); **C21D 9/22** (2013.01 - EP US)

Designated contracting state (EPC)
AT CH DE GB IT LI

DOCDB simple family (publication)
EP 0122434 A2 19841024; **EP 0122434 A3 19860115**; **EP 0122434 B1 19871104**; AT E30600 T1 19871115; DD 219214 A5 19850227; DE 3313651 A1 19841018; DE 3467185 D1 19871210; JP S59200715 A 19841114; PL 136705 B1 19860331; PL 247225 A1 19841217; US 4682011 A 19870721

DOCDB simple family (application)
EP 84102477 A 19840308; AT 84102477 T 19840308; DD 26190684 A 19840412; DE 3313651 A 19830415; DE 3467185 T 19840308; JP 7520384 A 19840416; PL 24722584 A 19840413; US 79529285 A 19851105