

Title (en)
ANNEALING PLANT

Title (de)
GLÜHVORRICHTUNG

Title (fr)
DISPOSITIF DE RECUIT

Publication
EP 1206583 A1 20020522 (DE)

Application
EP 00960479 A 20000817

Priority
• DE 19939399 A 19990819
• EP 0008050 W 20000817

Abstract (en)
[origin: DE19939399A1] Annealing device (10) has contact elements (24, 26, 32) made of electrically conducting material electrically connected to a voltage source and which receives the billet material in such a way that the billet material moves relative to the contact elements and an electric current flows through the billet material between the contact elements. The material of one of the contact elements is made of a metal alloy which matches the material of the billet so that practically no material from the billet material diffuses into the contact element. An Independent claim is also included for a process for the production of a metallic billet material.

IPC 1-7
C21D 9/62; **C22F 1/04**

IPC 8 full level
C21D 1/40 (2006.01); **C21D 9/62** (2006.01); **C22F 1/04** (2006.01); **F27D 11/04** (2006.01); **C21D 1/30** (2006.01)

CPC (source: EP US)
C21D 9/62 (2013.01 - EP US); **C21D 1/30** (2013.01 - EP US)

Citation (search report)
See references of WO 0114603A1

Designated contracting state (EPC)
DE ES FR GB IT PT

DOCDB simple family (publication)
DE 19939399 A1 20010222; DE 50010299 D1 20050616; EP 1206583 A1 20020522; EP 1206583 B1 20050511; ES 2242633 T3 20051116; JP 2003507577 A 20030225; PT 1206583 E 20050930; US 7064291 B1 20060620; WO 0114603 A1 20010301

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DE 19939399 A 19990819; DE 50010299 T 20000817; EP 0008050 W 20000817; EP 00960479 A 20000817; ES 00960479 T 20000817; JP 2001518470 A 20000817; PT 00960479 T 20000817; US 6930202 A 20020510