

Title (en)
TOP HAT FURNACE

Title (de)
HAUBENOFENANLAGE

Title (fr)
FOUR A CLOCHE

Publication
EP 1040207 A1 20001004 (DE)

Application
EP 99953635 A 19990831

Priority
• DE 9902718 W 19990831
• DE 19847417 A 19981014

Abstract (en)
[origin: DE19847417A1] Top hat furnace comprises a arbor (6) perpendicular to the annealing understructure (1). The understructure including the annealing head (10) and the metal coil (7) can be tilted by 90o between a vertical and a horizontal position. The annealing hood can be placed horizontally on the understructure and removed from it. The annealing hood and the cooling hood have devices arranged laterally for opening and closing producing an opening through the annealing head. The two hoods in the vertical position can be moved horizontally with respect to the annealing head.

IPC 1-7
C21D 9/675; **C21D 9/663**; **F27B 11/00**

IPC 8 full level
C21D 9/663 (2006.01); **C21D 9/675** (2006.01); **F27B 11/00** (2006.01); **C21D 9/667** (2006.01)

CPC (source: EP US)
C21D 9/663 (2013.01 - EP US); **C21D 9/675** (2013.01 - EP US); **F27B 11/00** (2013.01 - EP US); **C21D 9/667** (2013.01 - EP US)

Citation (search report)
See references of WO 0022178A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
DE 19847417 A1 20000427; **DE 19847417 C2 20011004**; CA 2314265 A1 20000420; EP 1040207 A1 20001004; JP 2002527706 A 20020827; US 6346214 B1 20020212; WO 0022178 A1 20000420

DOCDB simple family (application)
DE 19847417 A 19981014; CA 2314265 A 19990831; DE 9902718 W 19990831; EP 99953635 A 19990831; JP 2000576068 A 19990831; US 58148900 A 20000821