

Title (en)
Walking beam furnace

Title (de)
Hubbalkenofen

Title (fr)
Four à longerons mobiles

Publication
EP 0864828 A3 19991215 (DE)

Application
EP 98104440 A 19980312

Priority
DE 19710870 A 19970315

Abstract (en)
[origin: US6095804A] A walking beam furnace has in its interior fixed beams and walking beams for holding and transporting material to be annealed. These beams are provided with different support members for the material to be annealed, of which support members one serves for transporting flat material and the other for transporting round material. The different support members are arranged on the fixed and walking beams one after another in an alternating sequence.

IPC 1-7
F27D 3/02; **F27B 9/20**

IPC 8 full level
F27B 9/20 (2006.01); **F27B 9/22** (2006.01); **F27D 3/02** (2006.01)

CPC (source: EP US)
F27B 9/22 (2013.01 - EP US); **F27D 3/02** (2013.01 - EP US)

Citation (search report)

- [X] DE 8901064 U1 19890420
- [A] DE 4203595 A1 19930812 - LOI IND OFENANLAGEN [DE]
- [A] EP 0439760 A1 19910807 - LOI IND OFENANLAGEN [DE]
- [A] DE 2143214 A1 19730315 - THYSSEN HUETTE AG
- [A] US 5405264 A 19950411 - HEUSS HELMUT [DE]
- [A] US 1361254 A 19201207 - HAWTHORNE CHARLES W
- [A] US 4025298 A 19770524 - TOKITSU TETSUYA

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

DOCDB simple family (publication)
US 6095804 A 20000801; AT E278923 T1 20041015; CA 2232208 A1 19980915; CN 1172154 C 20041020; CN 1202613 A 19981223; DE 19710870 A1 19980917; DE 59812054 D1 20041111; EP 0864828 A2 19980916; EP 0864828 A3 19991215; EP 0864828 B1 20041006

DOCDB simple family (application)
US 4126798 A 19980312; AT 98104440 T 19980312; CA 2232208 A 19980316; CN 98109687 A 19980313; DE 19710870 A 19970315; DE 59812054 T 19980312; EP 98104440 A 19980312