

Title (en)

IMPROVEMENTS TO HEATING INDUCTORS, IN PARTICULAR OF METAL STRIPS

Title (de)

VERBESSERUNGEN AN HEIZINDUKTOREN INSBESONDERE METALLSTREIFEN

Title (fr)

PERFECTIONNEMENTS APPORTES AUX INDUCTEURS DE CHAUFFAGE, NOTAMMENT DE BANDES METALLIQUES

Publication

EP 1491073 A2 20041229 (FR)

Application

EP 03745813 A 20030402

Priority

- FR 0301033 W 20030402
- FR 0204218 A 20020404

Abstract (en)

[origin: WO03086020A2] The invention concerns a heating system by induction of metal products, in particular metal strips, with longitudinal magnetic flux, characterized in that the inductor (6) comprises between its coils, two magnetic field deflectors (7, 7') whereof the shape and arrangement are selected such that they mask the inductor coils at the edges (2) of the strip (1).

IPC 1-7

H05B 6/36

IPC 8 full level

H05B 6/10 (2006.01); **C21D 1/42** (2006.01); **H05B 6/36** (2006.01); **H05B 6/40** (2006.01)

CPC (source: EP KR US)

H05B 6/02 (2013.01 - KR); **H05B 6/36** (2013.01 - KR); **H05B 6/365** (2013.01 - EP US)

Citation (search report)

See references of WO 03086020A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 03086020 A2 20031016; **WO 03086020 A3 20040401**; AU 2003246766 A1 20031020; BR 0308906 A 20050104; CA 2480899 A1 20031016; EP 1491073 A2 20041229; FR 2838282 A1 20031010; FR 2838282 B1 20040611; JP 2005522014 A 20050721; KR 20050005432 A 20050113; US 2006124633 A1 20060615; ZA 200407912 B 20050704

DOCDB simple family (application)

FR 0301033 W 20030402; AU 2003246766 A 20030402; BR 0308906 A 20030402; CA 2480899 A 20030402; EP 03745813 A 20030402; FR 0204218 A 20020404; JP 2003583061 A 20030402; KR 20047015477 A 20030402; US 50915705 A 20050422; ZA 200407912 A 20040930