

Title (en)

METHOD FOR THE DIRECT ELECTRICAL RESISTANCE HEATING OF METAL WORKPIECES

Publication

**EP 0057385 B1 19860827 (DE)**

Application

**EP 82100407 A 19820121**

Priority

DD 22737281 A 19810202

Abstract (en)

[origin: EP0057385A2] 1. A method for direct electric resistance heating of metallic workpieces where, in addition to this, a temperature influence perpendicularly to the direction of current flow is effected by energy offers from outside within specific periods, characterized in that defined energy offers act for such a short time that no temperature compensation takes place across the section of the workpiece within these periods and, consequently, the temperature distribution perpendicularly to the direction of current flow is non-uniform.

IPC 1-7

**H05B 3/00**

IPC 8 full level

**C21D 1/40** (2006.01); **C21D 9/62** (2006.01); **H05B 3/00** (2006.01)

CPC (source: EP)

**C21D 1/40** (2013.01); **H05B 3/0009** (2013.01)

Citation (examination)

US 1704036 A 19290305 - COPE FRANK T

Cited by

EP0340747A3; WO0074441A1

Designated contracting state (EPC)

AT BE DE FR LU NL

DOCDB simple family (publication)

**EP 0057385 A2 19820811**; **EP 0057385 A3 19820818**; **EP 0057385 B1 19860827**; AT E21799 T1 19860915; CS 247109 B1 19861113; DD 160550 A3 19830914; DE 3272791 D1 19861002; SU 1446170 A1 19881223

DOCDB simple family (application)

**EP 82100407 A 19820121**; AT 82100407 T 19820121; CS 88882 A 19820210; DD 22737281 A 19810202; DE 3272791 T 19820121; SU 7772236 A 19820106