

Title (en)

METHOD AND APPARATUS FOR INDUCTION-HEATING A PART

Title (de)

VERFAHREN UND VORRICHTUNG ZUM INDUKTIVEN ERWÄRMEN EINES BAUTEILS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE CHAUFFAGE INDUCTIF D'UN COMPOSANT

Publication

**EP 2422581 B1 20130612 (DE)**

Application

**EP 10721105 A 20100421**

Priority

- DE 2010000450 W 20100421
- DE 102009018684 A 20090423

Abstract (en)

[origin: CA2749881A1] A device (20) for inductively heating at least one region (12, 14) of a component (10) includes a coil device (30) for generating a magnetic field in at least the region (12, 14) of the component (10) and includes an auxiliary member (40) to be configured adjacently to the component (10) in the magnetic field of the coil device (30) in such a way that the auxiliary member (40) faces the component (10) in a direction that is orthogonal or substantially orthogonal to the direction of a magnetic field that the coil device (30) can generate in the region between the component (10) and the auxiliary member (40).

IPC 8 full level

**H05B 6/02** (2006.01); **H05B 6/36** (2006.01)

CPC (source: EP US)

**H05B 6/101** (2013.01 - EP US); **H05B 6/365** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**DE 102009018684 A1 20101028**; CA 2749881 A1 20101028; EP 2422581 A1 20120229; EP 2422581 B1 20130612; US 2011268890 A1 20111103; WO 2010121598 A1 20101028

DOCDB simple family (application)

**DE 102009018684 A 20090423**; CA 2749881 A 20100421; DE 2010000450 W 20100421; EP 10721105 A 20100421; US 201013138125 A 20100421