Title (en)
METHOD FOR INDUCTIVE HEATING OF A METALLIC WORKPIECE

Title (de)
VERFAHREN ZUM INDUKTIVEN ERWÄRMEN EINES METALLISCHEN WERKSTÜCKS

Title (fr)
PROCÉDÉ D'ÉCHAUFFEMENT PAR INDUCTION D'UNE PIÈCE MÉTALLIQUE

Publication
EP 2204071 A1 20100707 (DE)

Application
EP 08785563 A 20080814

Priority
• EP 2008006716 W 20080814
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Abstract (en)
[origin: WO2009052886A1] A method for inductive heating of a metallic workpiece to a SET temperature by rotation of the workpiece relative to a constant magnetic field which passes through the workpiece, distinguished in that the workpiece is clamped in between two clamping jaws which can be rotated about a common axis, in that at least one of the clamping jaws is driven to rotate, in that at least one of the clamping jaws can be moved actively on or parallel to the rotation axis, in that the contact-pressure force is controlled by means of at least one of the clamping jaws, and in that at least one mechanical variable, which is representative of the workpiece temperature, is measured as the ACT value and is compared with a SET value, which is representative of the SET temperature, of this mechanical variable.

IPC 8 full level
H05B 6/02 (2006.01); **H05B 6/06** (2006.01); **H05B 6/14** (2006.01)

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Citation (search report)
See references of WO 2009052886A1

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DOCDB simple family (publication)
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