

Title (en)
Induction heat exchanger

Title (de)
Induktionswärmetauscher

Title (fr)
Echangeur thermique à induction

Publication
EP 1286565 B1 20090422 (FR)

Application
EP 02292065 A 20020821

Priority
FR 0111041 A 20010823

Abstract (en)
[origin: EP1286565A1] The induction heater for melting metal has a heat exchanger (100) with a heat exchange surface heated by induction currents produced by coaxial induction coils (4). The heat exchange surface is formed by multiple parallel tubes (3) on an axis (OO') of the coils and inside them. There are magnetic masses (23) centred on the axis (OO').

IPC 8 full level
H05B 6/02 (2006.01); **H05B 6/10** (2006.01)

CPC (source: EP)
H05B 6/108 (2013.01)

Cited by
DE102016119668A1; CN100394120C

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

DOCDB simple family (publication)
EP 1286565 A1 20030226; EP 1286565 B1 20090422; AT E429797 T1 20090515; DE 60232048 D1 20090604; ES 2326261 T3 20091006; FR 2828980 A1 20030228; FR 2828980 B1 20040109

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