

Title (en)
CRUCIBLE INDUCTION FURNACE WITH AT LEAST TWO COILS CONNECTED IN PARALLEL TO A RESONANT FREQUENCY CONVERTER

Title (de)
INDUKTIONSTIEGELOFEN MIT MINDESTENS ZWEI PARALLEL AN EINEN SCHWINGKREISUMRICHTER ANGESCHLOSSENEN SPULEN

Title (fr)
FOUR A CREUSET A INDUCTION COMPORTANT AU MOINS DEUX BOBINES RACCORDEES EN PARALLELE A UN CONVERTISSEUR DE FREQUENCE A CIRCUIT OSCILLANT

Publication
EP 0752194 A1 19970108 (DE)

Application
EP 95913850 A 19950318

Priority
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Abstract (en)
[origin: WO9526619A1] Described is a crucible induction furnace with at least two coils (3, 4) connected in parallel to a resonant frequency converter (5). The coils run round the wall of the crucible (2) and are disposed next to each other along the axis of the crucible, a capacitive resistor (6, 7) being connected in series with each coil (3, 4). This design ensures improved distribution, suited to the particular process conditions, of the power provided by the frequency converter (5) to the coils (3, 4).

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H05B 6/06; **H05B 6/24**

IPC 8 full level
H05B 6/06 (2006.01); **H05B 6/24** (2006.01)

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Citation (search report)
See references of WO 9526619A1

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