

Title (en)

Heating of bearing and the like.

Title (de)

Heizen von Lagern und dergleichen.

Title (fr)

Chauffage de roulements ou pièces analogues.

Publication

**EP 0434204 A1 19910626 (EN)**

Application

**EP 90312365 A 19901113**

Priority

ZA 899658 A 19891218

Abstract (en)

An induction heater for ring-like articles such as bearings includes a hinged clamp-like magnetically inductive core of ferrite which can be opened to receive and closed to accommodate the article to be heated and which has a primary winding and a source of high frequency current derived from a switch mode power supply; and having temperature sensors and safety circuits adapted to prevent damage due to too high temperatures and to ensure proper operation for articles of differing sizes. <IMAGE>

IPC 1-7

**H05B 6/10**

IPC 8 full level

**H05B 6/10** (2006.01); **H05B 6/36** (2006.01)

CPC (source: EP KR)

**H05B 6/02** (2013.01 - KR); **H05B 6/101** (2013.01 - EP)

Citation (search report)

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AT BE CH DE DK ES FR GB GR IT LI LU NL SE

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**EP 0434204 A1 19910626; EP 0434204 B1 19940907**; AR 247324 A1 19941130; AT E111292 T1 19940915; AU 622056 B2 19920326; AU 6590690 A 19910620; BR 9006377 A 19910924; CA 2029600 A1 19910619; CA 2029600 C 19960611; DE 69012298 D1 19941013; DE 69012298 T2 19950504; JP H03194881 A 19910826; KR 0171051 B1 19990501; KR 910013978 A 19910808; NO 178520 B 19960102; NO 178520 C 19960410; NO 905463 D0 19901218; NO 905463 L 19910619; NZ 236123 A 19940225; PT 96225 A 19920831; PT 96225 B 19981030; TW 215140 B 19931021

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