

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 B1 19940907 (EN)

Application
EP 90312365 A 19901113

Priority
ZA 899658 A 19891218

Abstract (en)
[origin: EP0434204A1] 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)

Cited by
CN102171471A; CN110769537A; WO02095104A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
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

DOCDB simple family (application)
EP 90312365 A 19901113; AR 31859990 A 19901211; AT 90312365 T 19901113; AU 6590690 A 19901108; BR 9006377 A 19901214; CA 2029600 A 19901108; DE 69012298 T 19901113; JP 33345390 A 19901129; KR 900020503 A 19901213; NO 905463 A 19901218; NZ 23612390 A 19901119; PT 9622590 A 19901217; TW 79110084 A 19901128