

Title (en)
Inductive heating roller apparatus

Title (de)
Induktive Heizwalze

Title (fr)
Laminoir à chauffage inductif

Publication
EP 1215942 A1 20020619 (EN)

Application
EP 00127189 A 20001212

Priority
EP 00127189 A 20001212

Abstract (en)
An inverter in which the three-phase power source is used as an input power source and the single phase voltage is outputted, is provided. The single phase output voltage of the inverter is applied onto the inductive coil of the inductive heat generation mechanism provided inside the rotating roller as the exciting voltage. Because the single phase voltage obtained by being phase-converted by the inverter is used, the unbalance is not generated among the phases of the three-phase power source which is the input power source. <IMAGE>

IPC 1-7
H05B 6/14; **H05B 6/10**; **D02J 1/22**

IPC 8 full level
D02J 1/22 (2006.01); **D02J 13/00** (2006.01); **H05B 6/14** (2006.01)

CPC (source: EP)
D02J 1/22 (2013.01); **D02J 13/005** (2013.01); **H05B 6/145** (2013.01)

Citation (search report)
• [X] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 10 31 October 1997 (1997-10-31)
• [X] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 09 31 October 1995 (1995-10-31)

Cited by
CN102560798A; EP2938159A1; EP1432289A1; US10212764B2

Designated contracting state (EPC)
DE SE

DOCDB simple family (publication)
EP 1215942 A1 20020619; **EP 1215942 B1 20040303**; DE 60008767 D1 20040408; DE 60008767 T2 20050217

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