

Title (en)

Heating device for induction heating of a calendar roll

Title (de)

Heizvorrichtung zum induktiven Erwärmen einer Kalandervalze

Title (fr)

Dispositif de chauffage destiné au chauffage inductif d'un rouleau de calandre

Publication

EP 2135993 A3 20130529 (DE)

Application

EP 09004425 A 20090327

Priority

DE 102008029513 A 20080621

Abstract (en)

[origin: DE102008029513B3] The device (1) has a calendar roll (3) with electrically conducting peripheral surface, rotating in roller arrangement. An inductor arrangement (8) is arranged radially to the roll and adjacent to peripheral section of the roll comprising a support beam (10). An inductor device (11) is arranged at the beam extending along roller length of the roll. The beam has majority of individual ribs (12) serving to the roll interspaced with each other, and the inductor device is transverse relocatably supported to the beam at free ends of the ribs.

IPC 8 full level

D21G 1/02 (2006.01)

CPC (source: EP)

D21G 1/028 (2013.01)

Citation (search report)

- [A] US 2005176016 A1 20050811 - PARK JAE-GAHB [KR], et al
- [AD] EP 1734180 A1 20061220 - VOITH PATENT GMBH [DE]

Cited by

CN116219791A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

DE 102008029513 B3 20090520; EP 2135993 A2 20091223; EP 2135993 A3 20130529; EP 2135993 B1 20140312

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