

Title (en)
Induction heating for thermic cylinders

Title (de)
Induktionsheizung für Thermowalzen

Title (fr)
Chauffage par induction pour cylindres thermiques

Publication
EP 1001658 B1 20031001 (DE)

Application
EP 99250403 A 19991115

Priority
DE 19854034 A 19981116

Abstract (en)
[origin: EP1001658A1] The arrangement has a rotatable hollow cylindrical roller casing (2) with axle flanges (3,7) at its ends and an inductively coupled inductor (4) with an inductor coil and a magnetic core formed by the roller casing. The coils consist of one or more rod or shell-shaped conductors peripherally distributed in or near the casing inner surface, extending axially at least over the maximum body width of the roller and with sectionally or zonally adjustable inductive coupling to the roller material.

IPC 1-7
H05B 6/14

IPC 8 full level
H05B 6/14 (2006.01)

CPC (source: EP US)
H05B 6/145 (2013.01 - EP US)

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