

Title (en)

Induction heating system for 360 degrees curing of can body coatings

Title (de)

Induktionsheissystem für Härtung über 360 Grad von Beschichtungen und Dosenkörper

Title (fr)

Système de chauffage par induction par le durcissement sur 360 degrés du revêtement d'un corps de boîte

Publication

**EP 0742680 A2 19961113 (EN)**

Application

**EP 96303035 A 19960430**

Priority

US 43888195 A 19950510

Abstract (en)

A method and apparatus for 360 DEG induction heating of a can body to cure or partially cure a protective coating applied thereto. The can bodies are inductively heated by placing them in a medium frequency, oscillating magnetic field generated by a multiple turn induction coil helically wound around the transport path of the can body. By using a medium-frequency field and by centering the can bodies with respect to the induction coil, the can bodies may be evenly and uniformly heated around 360 DEG of their circumference. <IMAGE>

IPC 1-7

**H05B 6/02**; **H05B 6/36**

IPC 8 full level

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CPC (source: EP)

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Cited by

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