

Title (en)

Method and device for generating and regulating temperature values on a fixing roll of a toner image fixing unit

Title (de)

Verfahren und Vorrichtung zum Erzeugen und Regeln von Temperaturwerten an einer Fixierwalze einer Tonerbild-Fixiereinheit

Title (fr)

Méthode et dispositif pour générer et réguler des valeurs de température sur un rouleau de fixage d'une unité de fixage d'une image de toner

Publication

EP 1156395 A3 20050112 (DE)

Application

EP 01107860 A 20010410

Priority

DE 10024134 A 20000518

Abstract (en)

[origin: EP1156395A2] The roller (FR) is heated by a central heater (H1) and cooled by a fan (BL), air being directed to and from the roller by guides (AG1,AG2). With heater at maximum power the roller surface temperature is raised to a set value (Stand-by temperature). When a fixing operation is about to be performed the temperature is lowered by cooling with the fan at moderate output (preparation period) and finally reduced to the fixing temperature by raising the fan output.

IPC 1-7

G03G 15/20

IPC 8 full level

G03G 15/20 (2006.01)

CPC (source: EP US)

G03G 15/205 (2013.01 - EP US); **G03G 15/2017** (2013.01 - EP US); **G03G 21/206** (2013.01 - EP US); **G03G 2215/00666** (2013.01 - EP US)

Citation (search report)

- [XY] PATENT ABSTRACTS OF JAPAN vol. 017, no. 515 (P - 1614) 16 September 1993 (1993-09-16)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 07 29 September 2000 (2000-09-29)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 05 14 September 2000 (2000-09-14)
- [A] PATENT ABSTRACTS OF JAPAN vol. 016, no. 308 (P - 1381) 7 July 1992 (1992-07-07)
- [A] PATENT ABSTRACTS OF JAPAN vol. 014, no. 274 (P - 1061) 13 June 1990 (1990-06-13)

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