

Title (en)
Fixing apparatus for an image forming apparatus

Title (de)
Fixiergerät für ein Bilderzeugungsgerät

Title (fr)
Appareil de fixation pour un appareil de formation d'images

Publication
EP 0785487 A3 19980325 (EN)

Application
EP 97100465 A 19970114

Priority

- JP 550796 A 19960117
- JP 2912896 A 19960216
- JP 4611396 A 19960304
- JP 6069896 A 19960318
- JP 32823996 A 19961209
- JP 34732396 A 19961226
- JP 34732496 A 19961226
- JP 34732596 A 19961226

Abstract (en)
[origin: EP0785487A2] A fixing apparatus has heaters (2, 3) to provide heat to fix a toner image on print paper. The heaters are intermittently activated to maintain the fixing apparatus at a substantially constant temperature. The heaters are activated by a predetermined voltage (Vf). Deactivation of the heaters (2, 3) is controlled by providing a low voltage immediately before the heaters are completely turned off so that a rate of change in a current flowing to the heaters is reduced. A timing of deactivation of each of the heaters may be controlled so that a start time of deactivation of the heaters (2, 3) differs from each other. The heaters (3) excluding at least one (2) of the heaters (2, 3) may be maintained to be deactivated when the fixing apparatus is in a predetermined operational state such as a waiting state or pre-heating state. <IMAGE>

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G03G 15/20

IPC 8 full level
G03G 15/20 (2006.01)

CPC (source: EP)
G03G 15/2003 (2013.01); **G03G 15/2039** (2013.01); **G03G 2215/0078** (2013.01)

Citation (search report)

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- [DA] PATENT ABSTRACTS OF JAPAN vol. 016, no. 476 (P - 1430) 5 October 1992 (1992-10-05)
- [DA] PATENT ABSTRACTS OF JAPAN vol. 018, no. 621 (P - 1832) 25 November 1994 (1994-11-25)
- [DA] PATENT ABSTRACTS OF JAPAN vol. 014, no. 353 (P - 1086) 31 July 1990 (1990-07-31)
- [X] PATENT ABSTRACTS OF JAPAN vol. 009, no. 232 (P - 389) 18 September 1985 (1985-09-18)
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