

Title (en)

FIXING AND HEATING DEVICE FOR AN ELECTROSTATIC COPYING APPARATUS

Publication

EP 0070740 B1 19851218 (EN)

Application

EP 82303848 A 19820720

Priority

JP 11493881 A 19810721

Abstract (en)

[origin: EP0070740A2] A fixing and heating device of an electrostatic copying apparatus for fixing and heating a toner image onto a copy paper sheet by transporting the copy paper sheet through a set of fixing rollers 34, 35. The fixing and heating device 32 comprises means for controlling a means for driving the fixing rollers 34, 35 so as to energize a heater 33 in response to closing of a power switch and so as to drive the means for driving the fixing rollers 34, 35 in response to an output of the temperature detecting element 58 from the time when a temperature H of the fixing 34, 35 reaches a predetermined temperature H3 to the time when the temperature H of the fixing rollers 34, 35 reaches a temperature H2 suitable for fixing, and while copying operation is going on after the temperature H of the fixing rollers 34, 35 has reached the temperature H2, wherein the temperature H3 is the same as or higher than a softening temperature H1 of the toner and is lower than the temperature H2.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Cited by

GB2276351A; EP0301544A3; EP0342367A3; EP0084309A3; US4540274A; US7031630B2

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