(19) Europäisches Patentamt
European Patent Office
Office européen des brevets

(11) Publication number: **0 329 197**
A3

(12) EUROPEAN PATENT APPLICATION

(21) Application number: **89106149.1**

(51) Int. Cl.5: **G03G 15/20**

(22) Date of filing: **30.11.83**

(30) Priority: **30.11.82 JP 209849/82**

(43) Date of publication of application:
23.08.89 Bulletin 89/34

(60) Publication number of the earlier application in accordance with Art.76 EPC: **0 195 180**

(84) Designated Contracting States:
DE FR GB NL

(88) Date of deferred publication of the search report:
13.06.90 Bulletin 90/24

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(54) Electrostatic copying apparatus.

(57) An electrostatic copying apparatus equipped with a heat fixing device, one of the fixing rollers being drivingly connected to a drive source and at least one of the fixing rollers including an electrical heating element. Said apparatus comprises a starting means (600) which produces a power supply closing signal when a power switch is closed, a first temperature detector (602) which detects the temperature of the fixing rollers and when the detected temperature reaches a first predetermined temperature T_1, produces a first temperature reaching signal, a second temperature detector (604) which detects the temperature of the fixing rollers and when the detected temperature reaches a second predetermined temperature T_2 suitable for fixing and higher than the first predetermined temperature T_1, produces a second temperature reaching signal, a condition setting means (606) which includes a pre-heating switch and produces either a normal condition signal or a pre-heated condition signal in response to the actuation of the pre-heating switch, a driving control means (610) for controlling the operation of the drive source (308), and a heating control means (608) for controlling the operation of the heating element (480).

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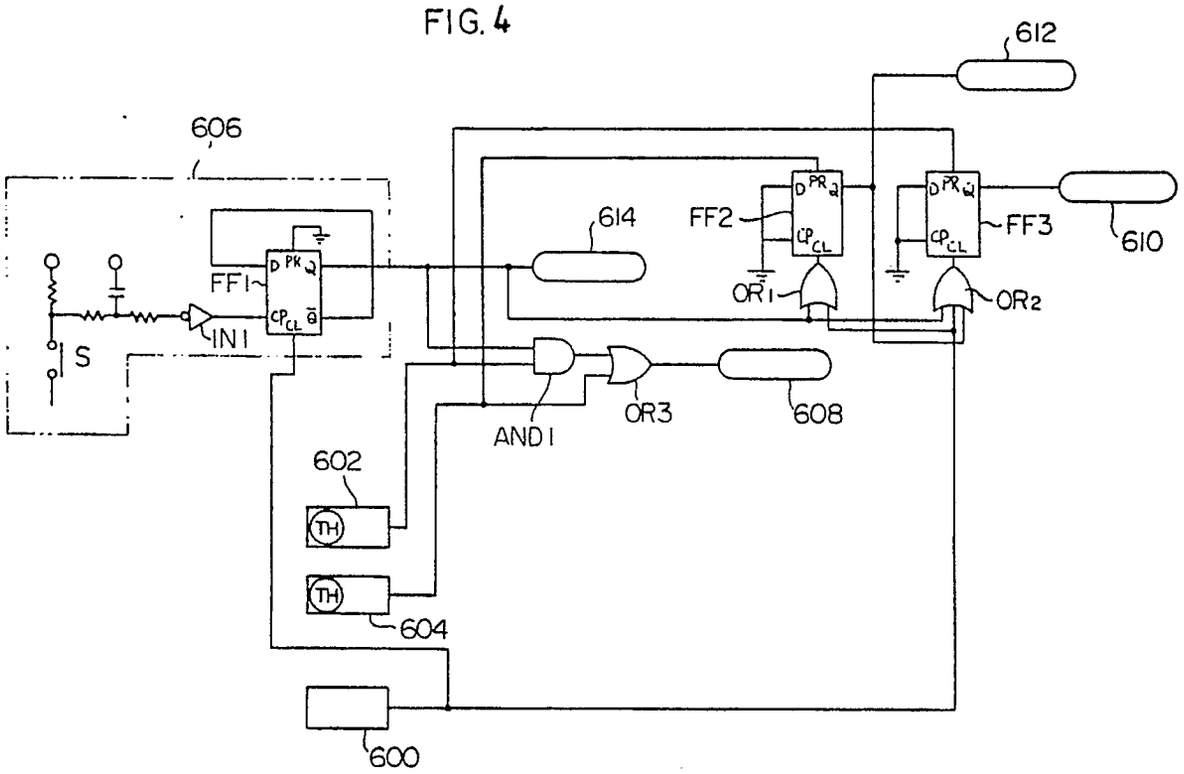
FIG. 4


612
606
614
FF2
FF3
610
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IN1
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OR1
OR2
AND1
OR3
608
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EUROPEAN SEARCH REPORT

Application Number

EP 89 10 6149

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	EP-A-0 043 913 (IBM) * complete document *	1	G 03 G 15/20
A	US-A-4 324 486 (M. NISHIKAWA) * complete document *	1	

TECHNICAL FIELDS SEARCHED (Int. Cl.4)

G 03 G 15/00

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
BERLIN	23-02-1990	HOPPE H

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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EPO FORM 1503 03.82 (P0401)