



US009411276B2

(12) **United States Patent**
Takagi

(10) **Patent No.:** **US 9,411,276 B2**
(45) **Date of Patent:** **Aug. 9, 2016**

(54) **FIXING DEVICE AND FIXING TEMPERATURE CONTROL METHOD OF FIXING DEVICE**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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(21) Appl. No.: **14/715,832**

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(22) Filed: **May 19, 2015**

(65) **Prior Publication Data**

US 2015/0331373 A1 Nov. 19, 2015

(57) **ABSTRACT**

(30) **Foreign Application Priority Data**

May 19, 2014 (JP) 2014-103770

According to one embodiment, a fixing device includes determination means for determining the size of an image forming area of a medium, heating means for including an endless rotating body, plural heat-generating members which are formed in a perpendicular direction to a transporting direction, inclined by a predetermined angle, and divided by a predetermined length, and are disposed so as to come into contact with an inner side of the rotating body, and a switching unit which switches individual conduction, and heats the medium, pressing means for forming a nip by performing pressing and contact at a position of the plural heat-generating members, and nipping and carrying the medium in the transporting direction along with the heating means, and heating control means for controlling the switching unit to select and conduct heat-generating members and controlling the heating means to heat the medium.

(51) **Int. Cl.**
G03G 15/20 (2006.01)

(52) **U.S. Cl.**
CPC **G03G 15/2039** (2013.01); **G03G 15/2042** (2013.01); **G03G 15/2053** (2013.01); **G03G 2215/2022** (2013.01)

(58) **Field of Classification Search**
CPC G03G 15/2039; G03G 15/2042; G03G 15/2046; G03G 15/2082
See application file for complete search history.

18 Claims, 10 Drawing Sheets

