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Kiuchi et al.

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(54) **COOLING DEVICE, IMAGE FORMING APPARATUS, AND COOLING METHOD**

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(58) **Field of Classification Search**
CPC G03G 21/206
See application file for complete search history.

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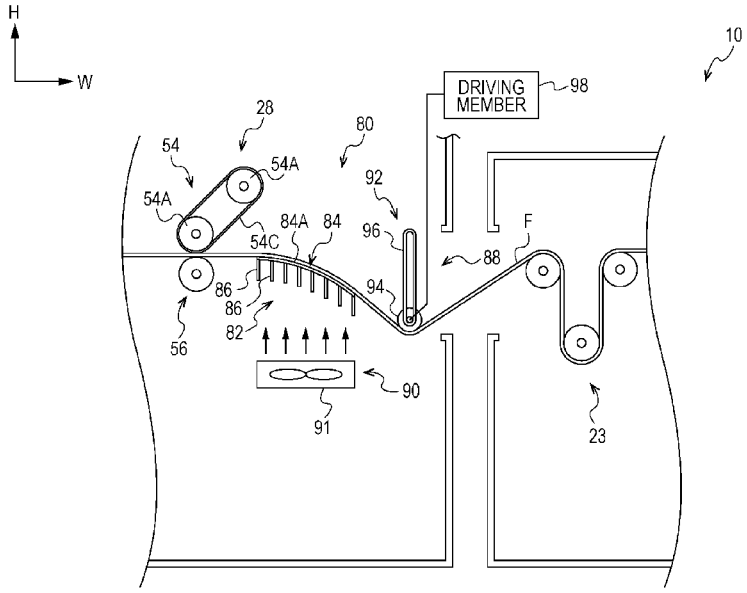
(57) **ABSTRACT**

A cooling device cools a continuous resin film, which is transported and onto which a toner image is transferred, after the toner image is heated so that the toner image is fixed to the resin film. The resin film to which the toner image is fixed is cooled in such a manner that an image surface side of the resin film is convexly curved.

8 Claims, 9 Drawing Sheets