

[54] APPARATUS FOR CONVERTING ELECTRIC SIGNALS REPRESENTING DATA INTO A GROUP OF RAISED DOTS CONSTITUTING THE IMAGE OF SAID DATA

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[73] Assignee: Compagnie Internationale pour l'Informatique Cii Honeywell Bull (Societe Anonyme), Paris, France

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[21] Appl. No.: 575,293

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[52] U.S. Cl. .... 434/114; 340/407

[58] Field of Search ..... 434/114, 113; 340/407

[57] ABSTRACT

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The invention relates to an apparatus for converting electric signals representing data into a group of raised dots constituting the image of said data and comprises a magnetic recording medium (10) provided at its surface with hollow cells which, after being magnetized by a recording unit (14) are capable of attracting balls (16) contained in a trough (15). The balls attracted in this way are received and held in the cell and form a group of raised dots at the surface of the medium (10). The raised dots can function as reading devices for the blind or for people with poor eyesight or can be used to imprint a tape or other medium.

16 Claims, 13 Drawing Figures

