US005453012A

United States Patent [19]

Hudecek

[11] Patent Number: 5,453,012

[45] Date of Patent: Sep. 26, 1995

[54] **BRAILLE DISPLAY**

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[21] Appl. No.: **128,347**

[22] Filed: **Sep. 28, 1993**

[30] **Foreign Application Priority Data**

Sep. 30, 1992 [AU] Australia PL5037

[51] **Int. Cl.**[6] **G09B 21/00**

[52] **U.S. Cl.** **434/114**

[58] **Field of Search** 434/112, 113, 434/114

[56] **References Cited**

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[57] **ABSTRACT**

A Braille display for denoting characters by the positions of six or eight movable projections or pins (**10, 11, 12**) arranged in two parallel columns. Each projection is movable between an elevated position and a lowered position by a rotary cam actuator (**30**) so that different rotary positions of the cam members (**31**) cause the projections to adopt different predetermined permutations of the elevated and lowered positions of the projections corresponding to respective characters to be denoted by the Braille display. There is one cam member (**31**) for each column of projections. Drive elements in the form of stepping motors (**35**) selectively rotate the cam members (**31**) between their different rotary positions. Each pin (**10, 11, 12**) preferentially adopts its lowered position, e.g. by action of biasing springs (**20, 21, 22**). Each pin has a head (**33**) in contact with the associated cam member (**31**), and each cam member has depressions (**32**) in its profile so that each head can enter a respective depression to effect movement of the respective pin from its elevated to its lowered position. The cam profiles (**32**) are shaped to ensure that only one projection (**10, 11, 12**) is ever being moved by the cam profiles at any instant.

8 Claims, 1 Drawing Sheet