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(54) **TOOL PATH DISPLAY APPARATUS FOR MACHINE TOOL**

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H04N 13/04	(2006.01)

(52) **U.S. Cl.**

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(58) **Field of Classification Search**

None

See application file for complete search history.

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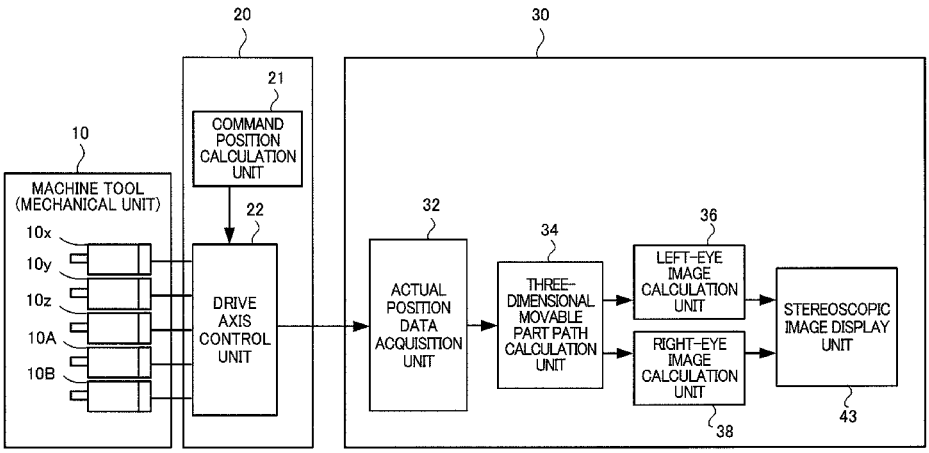
(57) **ABSTRACT**

A tool path display apparatus, configured to display a three-dimensional path of a movable part of a machine tool, calculates three-dimensional coordinate values of the movable part as viewed from a coordinate system secured to a workpiece, thereby determining the three-dimensional path of the movable part. Left- and right-eye stereoscopic image data are determined based on the determined three-dimensional path of the movable part, and the determined left- and right-eye stereoscopic image data are displayed on the display apparatus so that they can be viewed by an operator's left and right eyes, respectively.

7 Claims, 12 Drawing Sheets