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United States Patent [19]

Kudo et al.

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[54] **IMAGE TRACKING ENDOSCOPE SYSTEM**

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[52] **U.S. Cl.** **600/173**; 600/118; 600/102; 600/168

[58] **Field of Search** 600/102, 109, 600/112, 117, 118, 173, 168; 128/653.1; 348/65, 73, 76

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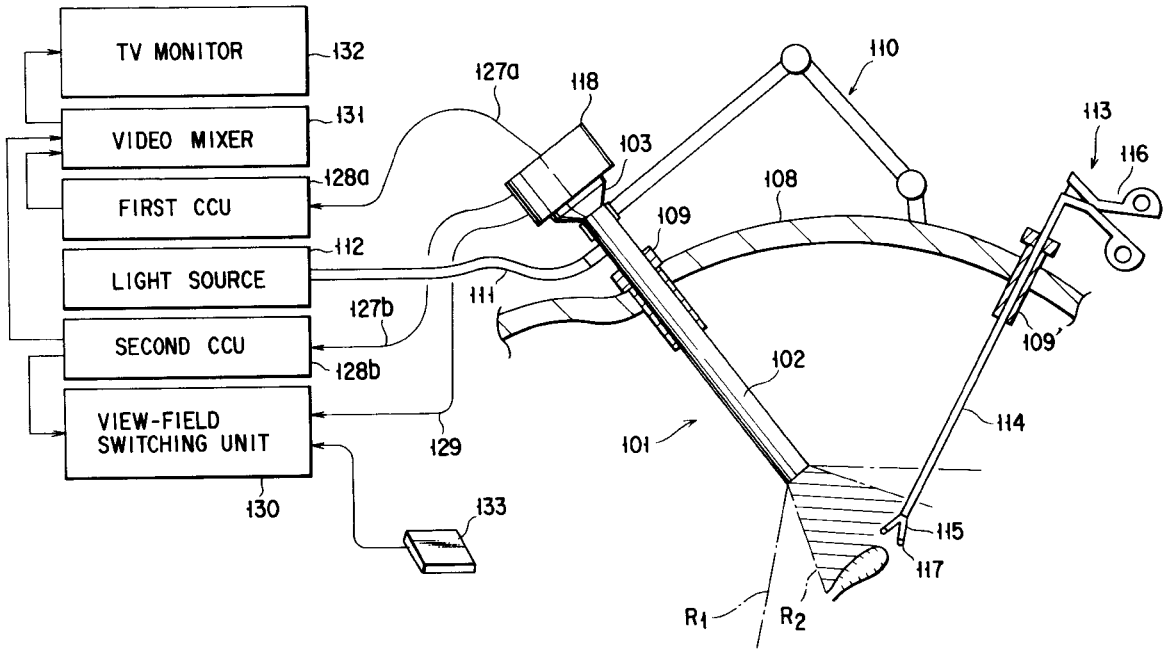
[57] **ABSTRACT**

An endoscope system having an endoscope, a scope holder holding the endoscope, a magnetic three-dimensional position sensor, and a TV monitor. The sensor detects the position of an object and generates data representing this position. According to the data, the view field of the endoscope is switched.

7 Claims, 56 Drawing Sheets