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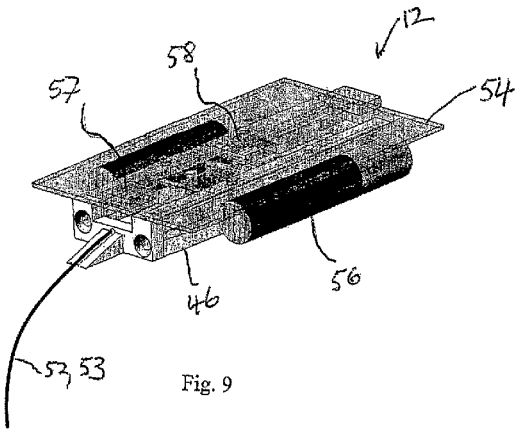


Fig. 9

(57) Abstract: A sensor for angle measurement of a joint is disclosed. The sensor comprises a code strip, a linear encoder configured to detect relative movement between the linear encoder and the code strip, and a microcontroller configured to compute angular rotation of the joint from linear displacement obtained by the relative movement. The relative movement corresponds to rotation of the joint. A corresponding method and system are also disclosed.

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