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ABSTRACT

10 POSITIONING DEVICE

A positioning device includes a housing and a shaft that is able to swivel relative to the housing and at one end of which an element to be positioned is attachable. The positioning device further includes a roller-bearing unit for supporting the shaft with respect to the housing, a swivel drive and a position-measuring device. The shaft is arranged in a manner that it is torsionally stiff, but axially movable relative to the housing via a ring diaphragm secured to the roller-bearing unit and to the housing.

(Fig. 1)



