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5 ABSTRACT



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POSITIONING DEVICE

10 A positioning device includes a swiveling shaft, at one end of which an element to be positioned may be attached, a swivel drive, made up of a rotor, which is movable relative to a stator, a position measuring device, made up of two parts movable relative to each other, and a roller bearing, which includes several rolling elements. The rotor of the swivel drive and a first part of the position measuring device are connected to the shaft in a rotatably fixed manner. The rolling elements are made of a ceramic material.

FIG. 1