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(54) **Magnetic Angle Position Sensor**

(57) A method and an apparatus is claimed, involving measuring magnetic field components (B_x , B_y , B_z) associated with magnets (120, 122) contained in a magnetic angle position sensor (100) by means of a sensing device (130); identifying a first and a second angle based on the measured magnetic field components, the first

angle representing an angular position associated with a first magnet (120) and the second angle representing an angular position associated with a second magnet (122); and identifying positions of the first and second magnets based on the identified first and second angles.

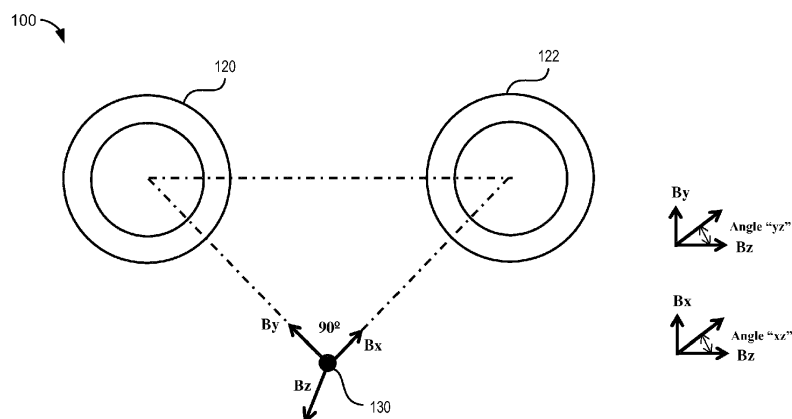


FIG. 1