ROLLING CONE DRILL BIT HAVING CUTTER ELEMENTS POSITIONED IN A PLURALITY OF DIFFERING RADIAL POSITIONS

ABSTRACT

A drill bit for drilling through earthen formations and forming a borehole. In an embodiment, the bit comprises a bit body having a bit axis. In addition, the bit comprises a plurality of cone cutters, each of the cone cutters being mounted on the bit body and adapted for rotation about a different cone axis. Further, at least one cone cutter on the bit comprises an array of cutter elements mounted in a band. Still further, the cutter elements in the array are mounted in a plurality of differing radial positions relative to the bit axis.

Figure 1