

ABSTRACT

A miter saw includes a base (20) having a plurality of grooves (20) formed in a bottom surface thereof, a table (1) rotatable with respect to the base (2), a rotary indexing mechanism and a locking mechanism. The rotary indexing mechanism includes a body fixedly connected to and rotatable with the table (1) and a protrusion (21) provided on the body. The protrusion (21) can be received within one of the plurality of grooves (20) in the base (2) and thereby angularly index the table (1) at a desired position with respect to the base (2). The locking mechanism is operably coupled to the table (1) and is configured to lock the table (1) at the desired position. The miter saw has a more reasonable and practical structure that allows angular indexing and interlocking of the table with respect to the base to be accomplished by a single hand.