

METHOD AND JIG ASSEMBLY FOR MANUFACTURING OUTER
BLADE CUTTING WHEEL

ABSTRACT

5 An outer blade cutting wheel comprising an annular
thin disc base of cemented carbide and a blade section is
manufactured by disposing permanent magnet pieces on the side
surfaces and inward of the outer periphery of the base to
produce a magnetic field, providing magnetic coated diamond
and/or CBN abrasive grains such that the magnetic field may
10 act on the grains, causing the grains to be magnetically
attracted to the base outer periphery, and electroplating or
electroless plating whereby the abrasive grains are bound to
the base outer periphery to form the blade section.

FIG. 2