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(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)OM PRAKASH SAHANI
(33) Name of priority country	:NA	2)Dr. ANAND KUSHWAH
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(57) Abstract :

The invention discloses a device for precision drilling of angular holes in metals comprising a rigid base frame (100), angular adjustment mechanism (101), clamping unit (102), guided drilling spindle (103), vibration-damping base (104), and angular calibration scale (105). The device enables accurate and repeatable drilling at various angles, reducing errors, setup time, and operator dependency. Its guided spindle and damping features ensure superior surface finish and extended tool life. The modular design provides compatibility with both conventional and CNC machines, enhancing industrial productivity.

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