

Title (en)
ROTARY TOOL FOR HIGH SPEED MACHINING OF WOOD, PLASTICS OR LIGHT METALS

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EP 0065496 B1 19860305 (EN)

Application
EP 82830097 A 19820419

Priority
IT 8337881 A 19810511

Abstract (en)
[origin: EP0065496A2] The invention concerns means to clamp inserts in rotating tools, and advantageously in rotating tools employed in processing of wood, plastics or light metals, whereby said rotating tools travel at a very high speed and the inserts (23) can be re-used and readily replaced, said clamping means being characterized by the fact that in the tool holder (10) there is envisaged a plurality of housing spaces (11) which have a shape substantially like a truncated cone and which widen towards the middle of said tool holder (10), whereby a seating (14) for a tool is positioned at the side of said housing space (11) and a clamping body (17) is located in said housing space (11) and cooperates with at least one resisting block (18), and whereby at least said resisting block (18) cooperates with a regulating screw (19) able to exert on said resisting block (18) and on said clamping body (17) a lateral thrust such as will constrain said resisting block (18) against the opposing wall (12) of said housing space (11) and will constrain said clamping body (17) against said insert (23) and substantially towards the middle of said tool holder (10).

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