

Title (en)

Apparatus and process for automatic honing of straight and elongated cutter blades

Title (de)

Gerät und Verfahren zum automatisierten Honen von langgestreckten, geradkantigen Schneidmessern

Title (fr)

Appareil et procédé pour affiler automatiquement des lames de coupe longues et droites

Publication

EP 0744245 B1 19991117 (DE)

Application

EP 96108047 A 19960521

Priority

US 44988595 A 19950525

Abstract (en)

[origin: EP0744245A1] The tool includes a support frame (12) with fitted movable blade holder support (22) which has several evenly spaced clamps (24) to hold a sharpened straight-edge cutting blade (26). The movable blade holder support is displaced cyclically by suitable mechanism from a starting position linearly along the longitudinal axis. Several interacting blade honing heads (30,32) engage sequentially into a cutting edge of the sharpened blade in a single longitudinally displaced cycle to provide progressive honing. A mechanism is provided for the cyclic return to move the movable holder support automatically back to the starting point at the end of the individual cycle. An end stop can be positioned at right angles to the longitudinal axis of the apparatus at the honing head station insert end

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