

Title (en)
PROFILED INSERTED-BLADE CUTTER

Title (de)
PROFILMESSERKOPF

Title (fr)
FRAISE A LAMES RAPPORTEES PROFILEES

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Application
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Abstract (en)
[origin: US5957176A] PCT No. PCT/EP96/01720 Sec. 371 Date Oct. 24, 1997 Sec. 102(e) Date Oct. 24, 1997 PCT Filed Apr. 25, 1996 PCT Pub. No. WO96/36452 PCT Pub. Date Nov. 21, 1996 In a profiled inserted-blade cutter, with blades (13) which can be re-sharpened without altering the profile and trajectory, each blade (13) is secured to a blade holder (14) having a base with a T-shape cross section, one arm (16) of the transverse section of which engages in a first longitudinal groove (4) in the basic unit (2). The other arm (17) engages in a second longitudinal groove (5) also in the basic unit (2) and open towards the first groove (4). The flanks of the first and second longitudinal grooves (4, 5) at a greater distance from the central longitudinal axis of the basic unit (2) lie in planes which are mutually parallel and parallel to the longitudinal axis of the basic unit and each form a positioning surface (6, 7) for one or other arm (16, 17) of the transverse section. On the blade holder (14) there is a clamping surface (15) which encloses a radially outwardly opening angle with the frontal surface (13') of the blade (13) and an acute angle with the adjacent positioning surface (7). The clamping force of each clamping screw (21) is directed against the clamping surface (15) and presses the blade holder (14) with a first component against the frontal stop surface (9) and with a second component against the two positioning surfaces (6, 7).

IPC 1-7
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