

Title (en)  
HARD-MATERIAL INSERT AND MECHANICAL CLAMPING THEREOF

Title (de)  
HARTSTOFF-EINSATZ UND DESSEN MECHANISCHE KLEMMUNG

Title (fr)  
GARNITURE EN MATIÈRE DURE ET SON SERRAGE MÉCANIQUE

Publication  
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Application  
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Abstract (en)  
[origin: WO2009047166A1] The invention relates to a cutting tool substantially comprising a support tool (3) with a recess (4) in which a support body (5, 13, 23) and an exchangeable cutting body are arranged and are held by a clamping element (2, 31, 41) and the cutting body rests with its underside on the support body (5, 13, 23). To reduce production costs, it is therefore proposed according to the invention that the support body (5, 13, 23) has a pocket (7, 17, 27) with a bottom and side faces, the cutting body is a hard-material insert (1, 12), which rests with its underside on the bottom of the pocket (7, 17, 27), the upper side of the hard-material insert (1, 12) is substantially flush with the upper side of the support body (5, 13, 23) and side faces of the hard-material insert (1, 12) lie against side faces of the pocket (7, 17, 27) and, as a result, the hard-material insert (1, 12) is embedded in the pocket (7, 17, 27) of the support body (5, 13, 23).

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