

Title (en)  
PLANAR CUTTING TOOL AND ASSOCIATED TOOL HOLDER

Title (de)  
PLANARES SCHNEIDWERKZEUG UND ZUGEHÖRIGER WERKZEUGHALTER

Title (fr)  
OUTIL DE COUPE PLAT ET PORTE-OUTIL ASSOCIE

Publication  
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Application  
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Abstract (en)  
[origin: CA2735358A1] The invention relates to a rotary or fixed cutting tool (1) for machining elements made of a hard and/or abrasive material, said tool comprising at least one active portion having hardness and/or abrasion properties higher than that of the material to be machined, and a passive portion interacting with a tool holder including a clamp (7), characterised in that the active portion (PA) and the passive portion (PP) of said tool are formed by an integral plate defining both portions and obtained directly from a blank having a predetermined constant thickness and a hardness corresponding to that of the active portion (PA) so as to obtain a planar tool, and in that the passive portion (PP) is elongate and has a constant substantially quadrangular cross-section for interaction with a housing (3) with a corresponding cross-section in the clamp (7), wherein the integral planar tool (1) thus formed is directly mounted in the housing (3) secured by tightening the same in the clamp (7).

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Citation (search report)  
See references of WO 2010031946A1

Citation (examination)  
"Zerspanungstechnik - Werkzeugkatalog 230, Vollhartmetall-Kugelfräser; T-Nutenfräser, für Nuten nach DIN 650", ZERSPANUNGSTECHNIK - WERKZEUGKATALOG 230, FRANKEN GMBH & CO. KG, DE, 1 March 2005 (2005-03-01), pages 112 - 113,281, XP002677186

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