

Title (en)  
TOOL HOLDER AND TOOL HAVING A TOOL HOLDER OF THIS KIND

Title (de)  
WERKZEUGHALTER UND WERKZEUG MIT EINEM SOLCHEN WERKZEUGHALTER

Title (fr)  
PORTE-OUTIL ET OUTIL MUNI D'UN TEL PORTE-OUTIL

Publication  
**EP 3867001 A1 20210825 (DE)**

Application  
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Abstract (en)  
[origin: WO2020078997A1] The invention relates to a tool holder (12) for a tool (10) for machining a workpiece, comprising: a cutting insert receptacle (18) for receiving a cutting insert (14), wherein the cutting insert receptacle (18) has an upper clamping jaw (20) for contacting a top side (24) of the cutting insert (14) and a lower clamping jaw (22) for contacting a bottom side (26) of the cutting insert (14) opposite the top side (24); and an internal coolant channel (36), which extends in the interior of the tool holder (12) between a coolant inlet opening (38) and a coolant outlet opening (40), wherein an end portion (56) of the coolant channel (36), said end portion extending in the interior of the upper clamping jaw (20) along a channel centre axis (62), opens into the coolant outlet opening (40); wherein the coolant outlet opening (40) is arranged on the upper clamping jaw (20) and is designed as an elongate opening, wherein a width (bi) of the coolant outlet opening (40) is less than a height (h1) of the coolant outlet opening (40), measured orthogonally to the width (bi) of the coolant outlet opening (40), and wherein the end portion (56) of the coolant channel (36) is also designed elongately in a cross-section orthogonal to the channel centre axis (62), wherein a width (62) of the end portion (56), measured orthogonally to the channel centre axis (62), is less than a height (h2) of the end portion (56), measured orthogonally to the channel centre axis (62) and orthogonally to the width (62) of the end portion (56).

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