

Title (en)
WHIRLING TOOL

Title (de)
WIRBELWERKZEUG

Title (fr)
OUTIL DE FILETAGE À LA VOLÉE

Publication
EP 3641973 A1 20200429 (DE)

Application
EP 18808268 A 20181120

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Abstract (en)
[origin: WO2019097074A1] The invention relates to a whirling tool (10) for machining a workpiece, comprising: a plurality of cutting plates (14), each of the cutting plates (14) having at least one cutter (15); a cutting plate carrier (12) having a plurality of cutting plate holders (22) for holding and releasable fastening of a respective one of the cutting plates (14), the cutting plate holders (22) being arranged such that the cutting plates are distributed in the circumferential direction over the cutting plate carrier (12). The cutting plate carrier (12) has a through opening (34) which extends along a central axis (26) of the cutting plate carrier (12) and through which the workpiece can be passed during the machine, and in the installed state the cutting plates (14) protrude into the through opening (34). The tool also comprises a coolant channel (38) which is arranged in the cutting plate carrier (12) and extends between an inlet opening (40) and an outlet opening (42), the outlet opening (42) leading into the through opening (34) and/or being oriented in the direction of the through opening (34).

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