Title (en)
ARRANGEMENT IN CUTTING TOOL

Title (de)
SCHNEIDWERKZEUGANORDNUNG

Title (fr)
AGENCEMENT CONCERNANT UN OUTIL DE COUPE

Publication
**EP 1954441 A4 20090311 (EN)**

Application
**EP 06778571 A 20060913**

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- FI 2006050388 W 20060913
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Abstract (en)
[origin: WO2007031603A1] The invention relates to a method for presetting a cutter of a cutting tool, a tool, and a cutter module. In the presetting, an adjustment element (14) is used, comprising at least a first adjustment component and a second adjustment component, between which there are mechanical mating surfaces. The adjustment element comprises a pressure space (27), in which the pressure (P) to be supplied produces forces (F) in the opposite directions in the adjustment components, due to which forces the mating surfaces of the adjustment components are set tightly against one another and thus remove the mechanical clearances from the structure.

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Citation (search report)
- [X] JP S5914403 A 19840125 - TOSHIBA TUNGALOY CO LTD
- [X] GB 1496434 A 19771230 - APRITOGEPGYAR
- [X] US 1635103 A 19270705 - SILAS WELSBY
- [X] GB 1347237 A 19740227 - BROOKE TOOL MFG CO LTD
- [A] WO 8911934 A1 19891214 - CNC WERKZEUGTECHNOLOGIE PATENT [DE]
- See references of WO 2007031603A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
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