

Title (en)
TOOL COATING AND METHOD FOR THE PRODUCTION THEREOF

Title (de)
WERKZEUGBESCHICHTUNG UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)
REVETEMENT D'OUTIL ET SON PROCEDE DE PRODUCTION

Publication
EP 1080248 A1 20010307 (DE)

Application
EP 99923473 A 19990427

Priority

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- EP 9902853 W 19990427

Abstract (en)
[origin: DE19818782A1] High speed steel, hard metal and cermet tools, having an yttrium- and/or scandium-containing hard metal coating which has been heat treated, are new. High speed steel, hard metal and cermet tools have a coating of TiAlN, TiAlYN, TiAlCrYN, TiAlScN, TiAlCrScN, TiAlYScN or TiAlCrYScN which contains 0.01-10 at.% Y and/or Sc and which has been heat treated at 700-1100 deg C for 0.5-10 hr. An Independent claim is also included for a method of heat treating the above coated tools.

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IPC 8 full level
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CPC (source: EP)
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Citation (search report)
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