Title (en)

TOOL WITH SINTERED BODY POLISHING SURFACE AND METHOD OF MANUFACTURING THE SAME

Title (de)

WERKZEUG MIT SINTERKÖRPERPOLIERFLÄCHE UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

OUTIL AVEC SURFACE DE POLISSAGE DE CORPS FRITTÉ ET SON PROCÉDÉ DE FABRICATION

Publication

EP 1944125 B1 20120125 (EN)

Application

EP 06796810 A 20060825

Priority

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Abstract (en)

[origin: EP1944125A1] An efficiently processible polishing tool, particularly used for a CMP pad conditioner, capable solving problems in a fixing strength for fixing abrasive grains to a base plate and problems in nonuniform polished surface and a method of effectively manufacturing the polishing tool. The polishing tool (1) comprises a polishing part formed of a super abrasive grain sintered body sintered integrally with the lining material of a cemented carbide. The polishing part comprises a plurality of polishing units (2) with top parts. The top parts are positioned on an approximately same plane. The polishing units (2) are formed by forming a linear groove (3) group in the polishing part.

IPC 8 full level

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