

Title (en)
ABRASIVE TOOL AND METHOD FOR MAKING SAME

Title (de)
SCHLEIFWERKZEUG UND VERFAHREN ZUR HERSTELLUNG DESSELBEN

Title (fr)
OUTIL ABRASIF ET PROCEDE DE FABRICATION DE CET OUTIL

Publication
EP 0907463 B1 20030129 (FR)

Application
EP 97919209 A 19970422

Priority
• BE 9700048 W 19970422
• BE 9600432 A 19960513

Abstract (en)
[origin: WO9743092A1] An abrasive tool for cutting, drilling, milling or the like, including a diamond grain positioning structure (2) attached to the circumference of a holder (6). A skeleton with open pores (12) in the outer surface thereof is provided in said structure (2) at least in the portion adjacent to said circumference of the holder (6), and said pores preferably occupy at least 30-75 % of the apparent volume of said portion. The average pore diameter is of 100-500 microns, with a maximum of 2 mm, and the holder (6) essentially consists of a metal or alloy (5) filling at least 70 % of said pores (12) and having a melting point higher than the working temperature of the tool and lower than 950 DEG C.

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