

Title (en)
ROTARY ABRASIVE MATERIAL

Title (de)
ROTIERENDES SCHLEIFMATERIAL

Title (fr)
MATERIAU ABRASIF ROTATIF

Publication
EP 1586418 A1 20051019 (EN)

Application
EP 03769931 A 20031029

Priority
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• JP 2002336605 A 20021120

Abstract (en)
A first member has a base plate 11 and an abrasive sheet installation portion 12 where an abrasive sheet is fixed. The base plate or the abrasive sheet installation portion is provided with an air-introducing portion 15 as a space penetrating from the back face side to the front face side of the base plate or the abrasive sheet installation portion, and an airflow passes from the back face side to the front face side as a rotary abrasive material rotates. When the first member is used as a single unit, overheating is prevented and swarf can be removed when the rotation of a projection portion as the abrasive sheet installation portion 12 generates an airflow flowing through the air-introducing portion 15. Further, when a second member is provided such that its axial position is adjustable relative to the first member, an abrasive sheet of the second member can project and retract against the first member, so that, depending on processing required, grinding work can be performed by easily switching abrasive sheets to be used.
<IMAGE>

IPC 1-7
B24D 13/18

IPC 8 full level
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CPC (source: EP US)
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