

Title (en)

CUTTING, GRINDING AND POLISHING DISK, AND METHOD FOR MACHINING WORKPIECES

Title (de)

TRENN-, SCHLEIF- UND POLIERSCHEIBE, TRENNVORRICHTUNG UND VERFAHREN ZUR BEARBEITUNG VON WERKSTÜCKEN

Title (fr)

DISQUE À SÉPARER, À PONCER ET À POLIR, DISPOSITIF DE SÉPARATION ET PROCÉDÉ D'USINAGE DE PIÈCES

Publication

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Application

**EP 19827595 A 20191113**

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Abstract (en)

[origin: CA3119695A1] The invention relates to a disk-shaped cutting tool (1), to a radial cutting method for machining axially elongate workpieces, to a cutting device and to a use of a disk-shaped cutting tool. A disk-shaped cutting tool according to the invention has defined flexibility and a defined impact. In a radial cutting method according to the invention, lateral deflection of the axially stationarily rotating tool (1) brings the tool, by means of the at least one laterally applied grinding and polishing surface (6, 20, 21, 22), into axial effective contact with the workpiece to be machined. In a cutting device according to the invention, the cutting tool (1) can be moved only radially in order to machine the workpiece. A use, according to the invention, of a disk-shaped tool (1) serves the purpose of specimen preparation and subsequent surface analysis on a workpiece cut to length.

IPC 8 full level

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