

Title (en)

ATTACHING ELEMENT TO BE EMPLOYED IN GRINDING AND POLISHING MACHINES

Publication

**EP 0112405 B1 19870909 (DE)**

Application

**EP 82111993 A 19821224**

Priority

EP 82111993 A 19821224

Abstract (en)

[origin: EP0112405A1] 1. An attachment member for machine tools, for use in grinding and polishing operations, comprising a driving disc (1) including an integrally formed hook-type stick-on layer (4) on the driving side, and including on the driven side thereof, a hub having formed therein a receptor portion (9) for connecting thereto a flexible shaft (2) adapted to be converted for inflexible operation ; and a machining disc (3) including on its workpiece side a working surface (6) coated with abrasive or polishing agent, and including on its drive side a fabric layer (8) adapted to be connected with the hook-type stick-on layer (4) of the driving disc (1) to form hook-type stick-on composite joint, characterized in that the machining disc (3) is formed with a two-piece structure and comprises a fabric-backed machining disc having the working surface (6) thereon, and a buffer disc (7) of a deformable material, such as foam material, with the disc surfaces each being formed with a hook-type stick-on layer or a fabric layer (15, 5) respectively.

IPC 1-7

**B24D 9/08**

IPC 8 full level

**B24D 9/08** (2006.01)

CPC (source: EP)

**B24D 9/085** (2013.01)

Cited by

EP2262613A4; AU692828B2; CN1074342C; US5201149A; AU651978B2; GB2376651A; GB2376651B; US6394887B1; EP0351273A1; FR2633861A1; US5807161A; EP0413956A3; EP0397624A3; US2011028993A1; US2023079249A1; US6261164B1; US6527631B2; US8002612B2; US6234886B1; WO9519242A1; WO2004045359A3; WO2013039688A1; WO9733718A1; WO9819830A1; WO2005102607A1; WO9819829A1; US7311591B2; US6579162B2

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