

Title (en)

TOOL FOR MECHANICALLY TREATING SURFACES

Title (de)

WERKZEUG FÜR DIE MECHANISCHE OBERFLÄCHENBEHANDLUNG

Title (fr)

OUTIL POUR LE TRAITEMENT MECANIQUE DE SURFACES

Publication

EP 0804316 B1 19991013 (DE)

Application

EP 95920077 A 19950524

Priority

- DE 9415441 U 19940926
- DE 9417186 U 19941026
- EP 9501978 W 19950524

Abstract (en)

[origin: US5989113A] PCT No. PCT/EP95/01978 Sec. 371 Date Mar. 18, 1997 Sec. 102(e) Date Mar. 18, 1997 PCT Filed May 24, 1995 PCT Pub. No. WO96/09915 PCT Pub. Date Apr. 4, 1996A tool for a mechanical surface treatment of an object by friction is disclosed. The tool is cut to a desired shape and size from a processed fleece of fibers. The fleece is produced by exclusively mechanical processes as a flexible random-fiber fleece which permits, during the treatment of the object at a particular treatment pressure, immersion and at least partial envelopment of the object within the fleece. The fleece has a mechanical strength of 150-500 N/50 mm, preferably at least 300 N/50 mm, and a mean elongation at rupture of 50-150%, preferably 80-100%, according to DIN 53 857/2.

IPC 1-7

B24D 11/02; **B24D 13/00**; **B24D 13/12**; **B24D 18/00**; **D04H 1/44**

IPC 8 full level

B08B 1/00 (2006.01); **B24D 11/00** (2006.01); **B24D 11/02** (2006.01); **B24D 13/00** (2006.01); **B24D 13/02** (2006.01); **D04H 1/44** (2006.01); **D04H 1/46** (2012.01); **D04H 1/492** (2012.01)

CPC (source: EP US)

B24D 11/02 (2013.01 - EP US); **B24D 13/00** (2013.01 - EP US); **D04H 1/46** (2013.01 - EP US); **D04H 1/492** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)

US 5989113 A 19991123; AT E185507 T1 19991015; AU 2566695 A 19960419; AU 702066 B2 19990211; BR 9509157 A 19971014; CA 2200976 A1 19960404; CN 1076652 C 20011226; CN 1158583 A 19970903; CZ 74397 A3 19970813; DK 0804316 T3 20000508; EP 0804316 A1 19971105; EP 0804316 B1 19991013; ES 2139902 T3 20000216; FI 971185 A0 19970321; FI 971185 A 19970321; GR 3032309 T3 20000427; HU 218811 B 20001228; HU T77143 A 19980302; JP 3146261 B2 20010312; JP H10506062 A 19980616; PL 178324 B1 20000428; PL 319628 A1 19970818; PT 804316 E 20000428; RU 2147506 C1 20000420; WO 9609915 A1 19960404

DOCDB simple family (application)

US 80922797 A 19970318; AT 95920077 T 19950524; AU 2566695 A 19950524; BR 9509157 A 19950524; CA 2200976 A 19950524; CN 95195277 A 19950524; CZ 74397 A 19950524; DK 95920077 T 19950524; EP 9501978 W 19950524; EP 95920077 A 19950524; ES 95920077 T 19950524; FI 971185 A 19970321; GR 20000400009 T 20000104; HU 9702082 A 19950524; JP 51130396 A 19950524; PL 31962895 A 19950524; PT 95920077 T 19950524; RU 97106798 A 19950524