

Title (en)
OBJECT WHOSE SURFACE IS TO BE TREATED, SURFACE TREATMENT METHOD, AND SURFACE TREATMENT APPARATUS

Title (de)
OBJEKT, DESSEN OBERFLÄCHE ZU BEHANDELN IST, OBERFLÄCHENBEHANDLUNGSVERFAHREN UND FLÄCHENBEHANDLUNGSVORRICHTUNG

Title (fr)
OBJETS DONT LA SURFACE EST A TRAITER, PROCEDE DE TRAITEMENT DE SURFACE ET APPAREIL DE TRAITEMENT DE SURFACE

Publication
EP 1541877 A4 20060125 (EN)

Application
EP 03736286 A 20030626

Priority

- JP 0308148 W 20030626
- JP 2002187643 A 20020627
- JP 2002289208 A 20021001
- JP 2003113962 A 20030418
- JP 2003113966 A 20030418
- JP 2003121597 A 20030425
- JP 2003132666 A 20030512

Abstract (en)
[origin: EP1541877A1] There is provided a surface treated product that moves relatively in a fluid, wherein a surface of the surface treated product has continuous dimples, each dimple having a diameter of 10 to 2500 μm and a depth of 50 μm or less. The surface treated product significantly reduces resistance of a fluid to an object in the fluid, and significantly improves a flow state of the fluid. <IMAGE>

IPC 1-7
F15D 1/10; **B24B 31/00**; **B22D 29/00**; **F02M 35/10**

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F15D 1/06 (2006.01)

CPC (source: EP)
B22D 29/001 (2013.01); **B22D 29/005** (2013.01); **B22D 29/006** (2013.01); **B22D 31/002** (2013.01); **B24B 31/006** (2013.01); **B24B 31/06** (2013.01); **F15D 1/005** (2013.01); **F15D 1/0085** (2013.01); **F15D 1/06** (2013.01); **F02M 35/10** (2013.01)

Citation (search report)

- [XY] EP 1065345 A2 20010103 - GEN ELECTRIC [US]
- [Y] PATENT ABSTRACTS OF JAPAN vol. 017, no. 544 (M - 1489) 30 September 1993 (1993-09-30)
- See references of WO 2004003394A1

Cited by
DE102008060151A1; AT517133B1; WO2016164955A1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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EP 03736286 A 20030626; AT 03736286 T 20030626; AU 2003244006 A 20030626; CN 03137485 A 20030625; DE 60333653 T 20030626; JP 0308148 W 20030626