

Title (en)

Method for surface treating the inner surface of hollow bodies

Title (de)

Verfahren zur Oberflächenbearbeitung der Innenseite von Hohlkörpern

Title (fr)

Méthode d'usinage de la surface interne de corps creux

Publication

EP 0989197 B1 20020918 (DE)

Application

EP 99114750 A 19990728

Priority

DE 19840117 A 19980903

Abstract (en)

[origin: EP0989197A1] The inner surface of the hollow body is machined in a single operation without lubricants by means of a tool with defined and/or non defined surface profile.

IPC 1-7

C23C 4/02

IPC 8 full level

C23C 4/02 (2006.01)

CPC (source: EP US)

C23C 4/02 (2013.01 - EP US); **Y10T 29/49272** (2015.01 - EP US); **Y10T 29/49995** (2015.01 - EP US)

Cited by

US9643265B2; DE10314249B3; WO2010015229A1; US10259059B2; EP2307162B1

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DOCDB simple family (publication)

DE 19840117 A1 20000316; **DE 19840117 C2 20010816**; DE 59902726 D1 20021024; EP 0989197 A1 20000329; EP 0989197 B1 20020918; US 2005044707 A1 20050303; US 7089662 B2 20060815

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DE 19840117 A 19980903; DE 59902726 T 19990728; EP 99114750 A 19990728; US 96365704 A 20041014