

Title (en)

Process and apparatus for pickling hollow rotationally symmetrical workpiece

Title (de)

Verfahren und Vorrichtung zum Beizen eines rotationssymmetrischen Hohlkörpers

Title (fr)

Procédé de décapage d'une pièce creuse de révolution et dispositif mettant en oeuvre un tel procédé

Publication

**EP 1598447 B1 20120620 (FR)**

Application

**EP 05291048 A 20050516**

Priority

FR 0405332 A 20040517

Abstract (en)

[origin: EP1598447A1] The procedure consists of turning the component about its axis of rotation, positioned horizontally while partially immersed in a tank (59) filled with a descaling product such as a mixture of hydrofluoric and nitric acid. During immersion the product is recycled, being pumped continuously into the inside of the component and maintained at a constant level. It is pumped into the inner cavities at a rate proportional to their respective volumes. After descaling, the component is plunged into a bath of a neutralising product such as water.

IPC 8 full level

**B08B 9/02** (2006.01); **C23G 3/00** (2006.01); **B08B 3/08** (2006.01); **C23G 1/10** (2006.01); **F01D 25/00** (2006.01)

CPC (source: EP US)

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Citation (examination)

US 3420712 A 19690107 - PARSONS JOHN T

Cited by

FR3084673A1; FR3056605A1

Designated contracting state (EPC)

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DOCDB simple family (application)

**EP 05291048 A 20050516**; CA 2507164 A 20050511; CN 200510072889 A 20050517; ES 05291048 T 20050516; FR 0405332 A 20040517; JP 2005139595 A 20050512; RU 2005114871 A 20050516; US 12628305 A 20050511