

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)

C23G 3/00 (2013.01 - EP US)

Citation (examination)

US 3420712 A 19690107 - PARSONS JOHN T

Cited by

FR3084673A1; FR3056605A1

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EP 1598447 A1 20051123; EP 1598447 B1 20120620; CA 2507164 A1 20051117; CA 2507164 C 20121016; CN 1699626 A 20051123; CN 1699626 B 20100609; ES 2387986 T3 20121005; FR 2870142 A1 20051118; FR 2870142 B1 20070209; JP 2005329402 A 20051202; JP 4619194 B2 20110126; RU 2005114871 A 20061120; RU 2367527 C2 20090920; US 2005252530 A1 20051117; US 7703463 B2 20100427

DOCDB simple family (application)

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