

Title (en)

ABRASIVE FLOW MACHINING APPARATUS AND METHOD

Title (de)

SCHLEIFMITTELSTROMBEARBEITUNGSVORRICHTUNG UND -VERFAHREN

Title (fr)

APPAREIL ET PROCEDE POUR USINAGE PAR FLUX D'ABRASION

Publication

EP 1438158 A4 20050119 (EN)

Application

EP 01975764 A 20010921

Priority

US 0142242 W 20010921

Abstract (en)

[origin: WO03035325A1] An apparatus and method for abrasive flow machining the orifice (18) of a workpiece (20) by using an abrasive media (15) whereby the apparatus (10) is capable of passing media (15) through the orifice (18) at a predetermined pressure and at a constant flow rate. In the alternative, the apparatus (10) is capable of passing media (15) through the orifice (18) at a fixed flow rate by using variable pressure upon the media (15) through the orifice (18).

IPC 1-7

B24B 31/116; **B24B 49/16**

IPC 8 full level

B24B 31/00 (2006.01); **B24C 3/32** (2006.01)

CPC (source: EP KR)

B24B 31/006 (2013.01 - EP); **B24B 31/116** (2013.01 - KR); **B24C 3/327** (2013.01 - EP)

Citation (search report)

- [X] WO 9705989 A1 19970220 - DYNETICS CORP [US]
- [A] DATABASE WPI Section PQ Week 199509, Derwent World Patents Index; Class P61, AN 1995-065592, XP002298168
- See references of WO 03035325A1

Cited by

EP3556484A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 03035325 A1 20030501; AT E357309 T1 20070415; CA 2460849 A1 20030501; CA 2460849 C 20080722; CN 100509286 C 20090708; CN 1558811 A 20041229; DE 60127465 D1 20070503; DE 60127465 T2 20071129; EP 1438158 A1 20040721; EP 1438158 A4 20050119; EP 1438158 B1 20070321; JP 2005506210 A 20050303; JP 4175473 B2 20081105; KR 100571126 B1 20060414; KR 20040047842 A 20040605

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