

Title (en)

PROCESS AND DEVICE FOR THE REMOVAL OF MATERIAL ARRANGED WITHIN A WORKPIECE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ABTRAGEN VON EINEM IM INNERN EINES WERKSTÜCKS ANGEORDNETEN MATERIAL

Title (fr)

PROCEDE ET DISPOSITIF POUR ENLEVER UN MATERIAU SITUE A L'INTERIEUR D'UNE PIECE

Publication

EP 1406749 A1 20040414 (DE)

Application

EP 02742799 A 20020606

Priority

- DE 0202054 W 20020606
- DE 10132451 A 20010704

Abstract (en)

[origin: WO03004219A1] A device and a method for the removal of material arranged within a workpiece (8) are disclosed, whereby at least one jet generating unit (5, 6), for generation of a material jet (4), is provided, which may be directly applied to the internal regions of the workplace (8) which are difficult to access and which also guarantees an improvement in the fatigue strength of the workpiece (8). According to the invention, the above is achieved, whereby a directing unit (12), for directing the material jet (4), arranged within the workpiece, is provided in a pre-determined region of the workpiece (8).

IPC 1-7

B24C 3/32

IPC 8 full level

B24C 1/10 (2006.01); **B24C 3/32** (2006.01)

CPC (source: EP)

B24C 1/083 (2013.01); **B24C 1/10** (2013.01); **B24C 3/325** (2013.01)

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

WO 03004219 A1 20030116; CN 100366387 C 20080206; CN 1524028 A 20040825; DE 10132451 A1 20030130; DE 50203902 D1 20050915; EP 1406749 A1 20040414; EP 1406749 B1 20050810; HU P0400383 A2 20050628

DOCDB simple family (application)

DE 0202054 W 20020606; CN 02813530 A 20020606; DE 10132451 A 20010704; DE 50203902 T 20020606; EP 02742799 A 20020606; HU P0400383 A 20020606