

Title (en)  
METHOD FOR DESCRIBING A PREDETERMINED DESIRED COURSE WITH A BEAM CONSISTING OF PARTICLES OR WAVES AND USE OF THIS METHOD

Title (de)  
VERFAHREN ZUM BESCHREIBEN EINER VORGEGEBENEN SOLLBAHN MIT EINEM STRAHL AUS TEILCHEN ODER WELLEN UND VERWENDUNG DES VERFAHRENS

Title (fr)  
PROCEDE PERMETTANT DE DECRIRE UNE TRAJECTOIRE IDEALE PREDEFINIE A L'AIDE D'UN FAISCEAU DE PARTICULES OU D'ONDES ET UTILISATION DUDIT PROCEDE

Publication  
**EP 1207978 A1 20020529 (DE)**

Application  
**EP 00951258 A 20000705**

Priority  
• DE 0002189 W 20000705  
• DE 19930976 A 19990705

Abstract (en)  
[origin: WO0102128A1] The invention relates to a method for describing a predetermined desired course (1) with a beam consisting of particles or waves. A movable device for directing a beam influences the direction of the beam, which describes an actual course (3, 4). The deviation of the actual course (3, 4) from the desired course that results from inertia is minimized by providing a corrected desired course (2), which describes diversions at the point where the direction is changed. The invention also relates to the use of this method for laser structuring or for writing guard plates or dial plates.  
[origin: WO0102128A1] The invention relates to a method for describing a predetermined desired course (1) with a beam consisting of particles or waves. A movable device for directing a beam influences the direction of the beam, which describes an actual course (3, 4). The deviation of the actual course (3, 4) from the desired course that results from inertia is minimized by providing a corrected desired course (2), which describes diversions at the point where the direction is changed. The invention also relates to the use of this method for laser structuring or for writing guard plates or dial plates.

IPC 1-7  
**B23K 26/00**

IPC 8 full level  
**G02B 26/10** (2006.01); **B23K 15/00** (2006.01); **B23K 26/08** (2006.01); **B23K 26/082** (2014.01)

CPC (source: EP KR US)  
**B23K 26/02** (2013.01 - KR); **B23K 26/062** (2015.10 - KR); **B23K 26/08** (2013.01 - EP US); **B23K 26/082** (2015.10 - EP US)

Citation (search report)  
See references of WO 0102128A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 0102128 A1 20010111**; CN 1142842 C 20040324; CN 1360532 A 20020724; EP 1207978 A1 20020529; JP 2003503213 A 20030128; KR 20020025180 A 20020403; US 6639180 B1 20031028

DOCDB simple family (application)  
**DE 0002189 W 20000705**; CN 00810034 A 20000705; EP 00951258 A 20000705; JP 2001507603 A 20000705; KR 20027000093 A 20020104; US 1838102 A 20020429