

Title (en)

Cutting head guiding means for compensating the slanting of a water jet cut

Title (de)

Schneidkopfführung zur Schnittschrägenkompensation beim Wasserstrahlschneiden

Title (fr)

Guide pour une tête de coupe à jet d'eau pour corriger l'inclinaison de la coupe

Publication

EP 1142678 A3 20030723 (DE)

Application

EP 01108338 A 20010403

Priority

DE 10017039 A 20000405

Abstract (en)

[origin: EP1142678A2] The collimation pipe (2) guiding and supporting the freely movable cutter head (1) ,or the cutter head itself, is clamped in a mounting (3) holding the cutter head and movable as a result of control forces. The mounting is supported by several struts (4) forming a truncated cone shape with equilateral base surface with the edges of a pyramid stump standing on the small surface. The struts are fixed to flectors (6) on the base plate (5)and on the mounting.

IPC 1-7

B26F 3/00

IPC 8 full level

B26F 3/00 (2006.01)

CPC (source: EP)

B26F 3/004 (2013.01)

Citation (search report)

[A] DE 19636919 C1 19971204 - FORACON MASCHINEN UND ANLAGENB [DE]

Cited by

EP1249320A1; WO2011098067A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1142678 A2 20011010; EP 1142678 A3 20030723; EP 1142678 B1 20040929; AT E277719 T1 20041015; DE 10017039 A1 20011018; DE 10017039 B4 20040325

DOCDB simple family (application)

EP 01108338 A 20010403; AT 01108338 T 20010403; DE 10017039 A 20000405