

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 B1 20040929 (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

B24C 3/12; B24C 5/02

IPC 8 full level

B26F 3/00 (2006.01)

CPC (source: EP)

B26F 3/004 (2013.01)

Cited by

EP1249320A1; WO2011098067A1

Designated contracting state (EPC)

AT CH FR IT LI SE

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