

Title (en)

MACHINING HEAD OF A WATER-JET CUTTING MACHINE AND SIGHTING DEVICE INTENDED TO BE FITTED ON SUCH HEAD

Title (de)

BEARBEITUNGSKOPF EINER WASSERSTRAHL-SCHNEIDEINRICHTUNG UND ZIELVORRICHTUNG, DIE ZUR MONTAGE AN EINEN DERARTIGEN KOPF BESTIMMT IST

Title (fr)

TETE D'USINAGE D'UNE MACHINE DE DECOUPAGE AU JET D'EAU ET DISPOSITIF DE VISEE DESTINE A EQUIPER UNE TELLE TETE

Publication

EP 0597057 B1 19980812 (FR)

Application

EP 93909747 A 19930527

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Abstract (en)

[origin: US5469768A] PCT No. PCT/CH93/00138 Sec. 371 Date Jan. 27, 1994 Sec. 102(e) Date Jan. 27, 1994 PCT Filed May 27, 1993 PCT Pub. No. WO92/24277 PCT Pub. Date Sep. 9, 1993. A machining head for a water jet cutting machine as well as an aiming device equipping such head, includes: an interchangeable tip (28) coupled to a feed source (A) of water under pressure, an acceleration nozzle (22) fixed to the casing (2) and connected to the interchangeable tip (28), a cutting pipe (60) receiving a water jet (J) emitted by the nozzle (22), and a pipe carrier (62) maintaining the pipe (60) relative to the casing (2), such head being characterized in that it includes regulating means (120a, 120b, 112, 94a, 94b) which permit regulation of the position of the pipe carrier (62) relative to the casing (2) in order to adjust the orientation of the pipe (60) in a manner coaxial to the jet (J) emitted by the nozzle (22).

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