

Title (en)

Nozzle attachment for abrasive fluid-jet cutting systems.

Title (de)

Düsenanordnung für eine abtragend wirkende Flüssigkeitsstrahlschneideinrichtung.

Title (fr)

Attachement de buse pour des systèmes de découpe par jet de fluide abrasif.

Publication

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Application

EP 86108664 A 19860625

Priority

US 79423585 A 19851031

Abstract (en)

The nozzle assembly for use in a fluid-jet cutting apparatus comprises a body (10) having an internal mixing region (20), means (14, 23, 15, 17, 27, 21) for defining a first orifice for directing a high velocity fluid jet along a generally axially extending path and through the mixing region, a conduit (18) in fluid communication with the mixing region (20) and adapted to conduit abrasive into the mixing region (20) and further comprising a second conduit means in communication with the mixing region (20) for discharging the abrasive-laden jet along a second generally axially extending fluid path. The invention provides for adjustment means (22) for co-axially aligning and/or correcting the alignment of the direction of the high velocity fluid jet (26) with the second discharging conduit means (16).

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CPC (source: EP)

B05B 7/04 (2013.01); **B24C 5/04** (2013.01)

Citation (search report)

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