

Title (en)
Abrasive water jet cutting nozzle

Title (de)
Abrasive Wasserstrahlschneiddüse

Title (fr)
Buse de coupe à jet d'eau abrasif

Publication
EP 2853349 A1 20150401 (EN)

Application
EP 13186434 A 20130927

Priority
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Abstract (en)
The present invention relates to an abrasive water jet cutting nozzle (44) comprising a first body (66), a second body (82), a collet (60), a jewel element (75). The first body (66) comprises a first downwardly diverging frusto conical shaped recess (78) and the collet (60) comprises a first downwardly diverging frusto conical shaped surface (80) adapted to fit in the first downwardly diverging frusto conical shaped recess (78). The second body (82) comprises a second downwardly diverging frusto conical shaped recess (90). The first body (66) further comprises a second downwardly diverging frusto conical shaped surface (94) adapted to fit into the second downwardly diverging frusto conical shaped recess (90).

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CPC (source: EP)
B24C 1/045 (2013.01); **B24C 5/02** (2013.01)

Citation (applicant)
US 5018670 A 19910528 - CHALMERS ERIC J [US]

Citation (search report)
• [AD] US 5018670 A 19910528 - CHALMERS ERIC J [US]
• [A] US 4934111 A 19900619 - HASHISH MOHAMED A [US], et al
• [A] US 5908349 A 19990601 - WAREHIME KEVIN S [US]

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