

Title (en)

Water jet cutting focusing tube, water jet cutting mixing chamber and water jet cutting focusing tube with integrated mixing chamber

Title (de)

Fokussierrohr zum Schneiden eines Wasserstrahls, Mischkammer zum Schneiden eines Wasserstrahls und Fokussierrohr zum Schneiden eines Wasserstrahls mit integrierter Mischkammer

Title (fr)

Tube de focalisation de coupe à jet d'eau, chambre de mélange de coupe à jet d'eau et tube de focalisation de coupe à jet d'eau à chambre de mélange intégré

Publication

EP 2853348 A1 20150401 (EN)

Application

EP 13186414 A 20130927

Priority

EP 13186414 A 20130927

Abstract (en)

The present invention relates to a water jet cutting focusing tube (44) comprising an elongated tubular body (46), having a generally circular cross section, with an upstream end (48) and a downstream end (50). The upstream end (48) comprises an inlet (52) and the downstream end (50) comprises an outlet (56). The elongated tubular body (46) comprises a flat outer surface (58) extending along a substantial portion of the length (L1) of the water jet cutting focusing tube (44). The present invention also relates to a water jet cutting mixing chamber (60) and a water jet cutting focusing tube with integrated mixing chamber (82).

IPC 8 full level

B24C 1/04 (2006.01)

CPC (source: EP)

B24C 1/045 (2013.01)

Citation (applicant)

- US 5092085 A 19920303 - HASHISH MOHAMED A [US], et al
- US 2008032610 A1 20080207 - CHACKO SHAJAN V [US], et al

Citation (search report)

- [XDA] US 2008032610 A1 20080207 - CHACKO SHAJAN V [US], et al
- [IAY] WO 2007052027 A1 20070510 - MILLER DONALD STUART [GB]
- [YA] US 2008220699 A1 20080911 - HASHISH MOHAMED [US]

Cited by

WO2020064974A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2853348 A1 20150401; EP 2853348 B1 20171115

DOCDB simple family (application)

EP 13186414 A 20130927