

Title (en)
DEVICE FOR WATERJET CUTTING WITH ABRASIVE

Title (de)
WASSER-ABRASIV-SUSPENSIONS-SCHNEIDANLAGE

Title (fr)
DISPOSITIF POUR LA COUPE AVEC JET D'EAU CONTENANT ABRASIV

Publication
EP 2755802 B1 20160406 (DE)

Application
EP 11785613 A 20110914

Priority
EP 2011065915 W 20110914

Abstract (en)
[origin: WO2013037405A1] The invention relates to an abrasive water jet cutting system comprising a high-pressure source (2) which provides high-pressure water, an outlet nozzle (8) and a high-pressure line (6) connecting the high-pressure source (2) to the outlet nozzle. The system further comprises an abrasive supply device (14) connected to the high-pressure line (6), said abrasive supply device (14) having a sluice with at least one chamber (40, 40'), said chamber (40, 40') having at least one first closable opening (50, 50') and being alternately openable towards the high-pressure line (6) and an abrasive supply unit.

IPC 8 full level
B24C 1/04 (2006.01); **B24C 7/00** (2006.01)

CPC (source: EP)
B24C 7/0007 (2013.01)

Cited by
WO2018177557A1; WO2018177558A1; WO2018177559A1; WO2018177556A1; CN110753601A; EP4205905A1; WO2018197018A1; US11904435B2; US11511392B2; US11305401B2

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

DOCDB simple family (publication)
WO 2013037405 A1 20130321; EP 2755802 A1 20140723; EP 2755802 B1 20160406; PL 2755802 T3 20161031

DOCDB simple family (application)
EP 2011065915 W 20110914; EP 11785613 A 20110914; PL 11785613 T 20110914