

Title (en)

DEVICE AND METHOD FOR CUTTING A GOOD TO BE CUT BY MEANS OF A FLUID

Title (de)

VORRICHTUNG UND VERFAHREN ZUM SCHNEIDEN EINES SCHNEIDGUTS MIT HILFE EINES FLUIDS

Title (fr)

DISPOSITIF ET PROCÉDÉ DE DÉCOUPAGE D'UN PRODUIT À COUPER À L'AIDE D'UN FLUIDE

Publication

EP 3271121 A1 20180124 (DE)

Application

EP 16701462 A 20160122

Priority

- DE 102015104245 A 20150320
- EP 2016051351 W 20160122

Abstract (en)

[origin: WO2016150588A1] The invention relates to a device for cutting a good to be cut by means of a fluid, in particular for water-jet cutting, wherein the device has a pressure-generating unit and an outlet nozzle fluidically connected to the pressure-generating unit by means of a fluid line, wherein the pressure-generating unit is provided for pressurizing the fluid in the fluid line and wherein the device also has a pulsation damper for damping pressure fluctuations in the fluid line and wherein the device also has at least one switching valve in such a way that the pulsation damper can be coupled to the fluid line and uncoupled from the fluid line depending on the switching position of the switching valve.

IPC 8 full level

B26F 3/00 (2006.01)

CPC (source: CN EP US)

B24C 1/045 (2013.01 - CN EP US); **B24C 5/02** (2013.01 - EP US); **B24C 5/04** (2013.01 - EP US); **B24C 7/00** (2013.01 - EP US);
B24C 7/0007 (2013.01 - CN EP US); **B24C 7/0023** (2013.01 - CN EP US); **B26F 3/004** (2013.01 - EP US)

Citation (search report)

See references of WO 2016150588A1

Cited by

EP3059458B1

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)

DE 102015104245 B3 20160721; CN 107405754 A 20171128; CN 107405754 B 20190308; EP 3271121 A1 20180124;
EP 3271121 B1 20190109; EP 3271121 B8 20190313; PL 3271121 T3 20190731; US 10391611 B2 20190827; US 2018071893 A1 20180315;
WO 2016150588 A1 20160929

DOCDB simple family (application)

DE 102015104245 A 20150320; CN 201680016774 A 20160122; EP 16701462 A 20160122; EP 2016051351 W 20160122;
PL 16701462 T 20160122; US 201615554531 A 20160122