

Title (en)

Device and method for removing production remnants from conduits in workpieces

Title (de)

Verfahren und Vorrichtung zum Entfernen von Fertigungsrückständen aus Durchgängen in Werkstücken

Title (fr)

Procédé et dispositif d'élimination de résidus de fabrication des conduites dans des pièces usinées

Publication

**EP 2246128 B1 20140917 (DE)**

Application

**EP 10160987 A 20100426**

Priority

- DE 102009018900 A 20090428
- DE 102009038733 A 20090827

Abstract (en)

[origin: EP2246128A2] The method involves completely flooding each of conduits with fluid, where fluid pressure acting on the fluid in the conduits generates flow of the fluid in the conduits. The conduits are flooded, and negative pressure is applied on the fluid in the conduits. A reversing valve (8a) is located between a set of fluid lines (3) and a vacuum container (6) in a collecting duct (5). Another reversing valve (8b) is located between the vacuum container and a collection container (10) in a return line (9). An independent claim is also included for a device for removing production remnants from conduits in workpieces.

IPC 8 full level

**B08B 9/00** (2006.01); **B08B 5/04** (2006.01); **B08B 9/032** (2006.01); **B23Q 11/00** (2006.01)

CPC (source: EP)

**B08B 5/04** (2013.01); **B08B 9/00** (2013.01); **B08B 9/0321** (2013.01)

Cited by

DE102016119436A1; WO2018069342A1; CN109843454A

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

**EP 2246128 A2 20101103**; **EP 2246128 A3 20120919**; **EP 2246128 B1 20140917**; DE 102009038733 A1 20101111;  
DE 102009038733 B4 20201112

DOCDB simple family (application)

**EP 10160987 A 20100426**; DE 102009038733 A 20090827