

Title (en)
PRECISION BORING HEAD SYSTEM

Title (de)
FEINBOHRKOPFSYSTEM

Title (fr)
SYSTÈME À TÊTE D'ALÉSAGE DE PRÉCISION

Publication
EP 3271110 A1 20180124 (DE)

Application
EP 16712773 A 20160317

Priority
• DE 102015103912 A 20150317
• EP 2016055901 W 20160317

Abstract (en)
[origin: WO2016146798A1] The application relates to a precision boring head system for creating or fine-machining cavities in workpieces. Said precision boring head system comprises a tool spindle (1a), by means of which a tool holder (3a) or a tool (1) can be rotationally driven, and is characterized in that the tool spindle (1a) includes an aerostatic bearing arrangement (9, 10, 11, 12) using gas, preferably air.

IPC 8 full level
B23B 29/034 (2006.01); **B23Q 1/38** (2006.01); **B23Q 1/70** (2006.01)

CPC (source: CN EP)
B23B 29/03446 (2013.01 - CN EP); **B23B 29/03457** (2013.01 - CN EP); **B23B 41/04** (2013.01 - EP); **B23Q 1/70** (2013.01 - EP);
B23B 2260/108 (2013.01 - CN EP)

Citation (search report)
See references of WO 2016146798A1

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)
WO 2016146798 A1 20160922; CN 107427932 A 20171201; EP 3271110 A1 20180124

DOCDB simple family (application)
EP 2016055901 W 20160317; CN 201680015758 A 20160317; EP 16712773 A 20160317