

Title (en)

APPARATUS FOR CUTTING, POLISHING AND PROCESSING OF GEMSTONES

Title (de)

VORRICHTUNG ZUM SCHNEIDEN, POLIEREN UND VERARBEITEN VON EDELSTEINEN

Title (fr)

APPAREIL POUR TAILLER, POLIR ET TRAITER DES PIERRES PRÉCIEUSES

Publication

EP 3468746 A1 20190417 (EN)

Application

EP 17831410 A 20170714

Priority

- NO 20161196 A 20160720
- NO 2017050192 W 20170714

Abstract (en)

[origin: WO2018016966A1] Gemstone cutting and polishing apparatus comprising two main components: a precision divider (100) and an angle and elevation platform (200). The precision divider (100) is arranged to cut and polish a desired number of facets in a gemstone with high precision. The precision (100) divider is attached, preferably releasable, pivotal to the angle and elevation platform (200). The precision divider (100) can be positioned and locked in an angle between 0° and 90° with respect to the horizontal level, to produce precisely cut facets in the gemstone with desired angles. The precision divider (100) is provided with an improved dopstick receptacle (106) with a non-circular cross-section, and a correspondingly shaped dopstick (500, 503), thus providing a highly fixed and stable attachment of the gemstone being processed.

IPC 8 full level

B24B 9/16 (2006.01); **B24B 19/16** (2006.01); **B28D 5/00** (2006.01)

CPC (source: EP NO)

B24B 9/16 (2013.01 - NO); **B24B 9/161** (2013.01 - NO); **B24B 9/163** (2013.01 - EP); **B24B 9/167** (2013.01 - NO); **B24B 19/16** (2013.01 - EP); **B24B 41/06** (2013.01 - NO); **B28D 5/0088** (2013.01 - EP); **Y10T 117/10** (2015.01 - NO)

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 2018016966 A1 20180125; EP 3468746 A1 20190417; EP 3468746 A4 20200527; NO 20161196 A1 20180122; NO 342464 B1 20180522

DOCDB simple family (application)

NO 2017050192 W 20170714; EP 17831410 A 20170714; NO 20161196 A 20160720