

Title (en)

Apparatus for faceting gems and the like

Title (de)

Vorrichtung zum Facettieren von Edelsteine und dergleiche

Title (fr)

Dispositif pour la réalisation de facettes sur des pierres précieuses et similaire

Publication

EP 0945217 A1 19990929 (EN)

Application

EP 98105275 A 19980324

Priority

EP 98105275 A 19980324

Abstract (en)

An apparatus for faceting gems and the like comprises a faceting device and an instrument for aligning the gemstones on dop sticks; the faceting device (1) consists of a structure (3) holding at least a lap (4) and a plate (5) for bearing a mechanism (6) holding the dop stick (9a,9b); the instrument for aligning (2) the gemstones comprises a bracket (8) which holds a cursor (7); the cursor (7) is vertically moved and presents a vertical groove (31) which maintains a first dop stick (9b) vertical, while a second dop stick (9a) is maintained vertical by a flat surface (21) of the basis (20) of the aligning instrument (2); a vertical bearing groove (23) made in a wall (37) of the bracket (8) is provided for maintaining both dop sticks (9a,9b) aligned in any position reached by the cursor (7) during its displacement in order to transfer the properly oriented gemstone (24) from the first dop stick (9a) to the second dop stick (9b). <IMAGE>

IPC 1-7

B24B 9/16

IPC 8 full level

B24B 9/16 (2006.01)

CPC (source: EP)

B24B 9/16 (2013.01)

Citation (search report)

- [A] US 4106240 A 19780815 - DE BARTOLO PAUL I
- [A] US 2724220 A 19551122 - EATON SHAW LOUIS
- [A] US 3815289 A 19740611 - HOFFMAN D

Cited by

KR100893599B1; CN101941168A; CN102059616A; CN102218687A; CN103659518A; CN103100943A; DE102008035730B4; DE112008003507B4; DE102008035730A1; US8815039B2; US9962859B2; WO2013093938A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0945217 A1 19990929

DOCDB simple family (application)

EP 98105275 A 19980324