

Title (en)
CUT FOR GEMSTONE

Title (de)
SCHNITT FÜR EDELSTEIN

Title (fr)
DÉCOUPE POUR PIERRE PRÉCIEUSE

Publication
EP 4371443 A1 20240522 (EN)

Application
EP 22208424 A 20221118

Priority
EP 22208424 A 20221118

Abstract (en)
A method of manufacturing a gemstone (2) comprises providing a ball of a gemstone material having a radius R; cutting the ball to provide the gemstone (2) comprising a first side (4), a second side (22), and a girdle (14) between the first side (4) and the second side (22). The girdle (14) comprises two curved sections (16a, 16b) on opposite sides, each curved section (16a, 16b) having a radius of curvature R equal to the radius of the ball, and two straight sections (18a, 18b) on opposite sides and spacing apart the two curved sections (16a, 16b), wherein the straight (18a, 18b) and curved (16a, 16b) sections of the girdle (14) meet at edges (20) extending between the first (4) and second (22) sides of the gemstone (2). Also provided is a gemstone (2) manufactured by the method, and a gemstone (2) having a girdle (14) comprising curved (16a, 16b) and straight (18a, 18b) sections. Articles including a gemstone (2) according to the disclosure are also provided.

IPC 8 full level
A44C 17/00 (2006.01)

CPC (source: EP)
A44C 17/001 (2013.01)

Citation (applicant)
US 2021244140 A1 20210812 - SLOWINSKI CHRISTOPHER [US]

Citation (search report)
• [XAI] US 9398791 B1 20160726 - SLOWINSKI CHRISTOPHER [US]
• [XI] US D400819 S 19981110 - AMBAR BETZALEL
• [XI] WO 2007048331 A1 20070503 - LI BINGZHENG [CN]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4371443 A1 20240522; WO 2024105279 A1 20240523

DOCDB simple family (application)
EP 22208424 A 20221118; EP 2023082447 W 20231120