

Title (en)
A cut diamond

Title (de)
Geschliffener Diamant

Title (fr)
Diamant taillé

Publication
EP 2179672 B1 20120404 (EN)

Application
EP 08018467 A 20081022

Priority
EP 08018467 A 20081022

Abstract (en)
[origin: EP2179672A1] A cut diamond (11), characterized in that it is a convex polyhedron and has eighty-nine facets, which are thirty-two facets more than a traditional ideal-cut brilliant (1), in particular eight extra facets on the crown (2) by substituting each of the eight kite facets (6) of a traditional ideal-cut brilliant diamond (1) by two triangular facets, namely a table break facet (12) and a girdle break facet (13), which have a common edge namely the girdle break which lies in a plane parallel to the table (5), and whereby twenty-four of the thirty-two extra facets are added in the pavilion (3) by substituting each of the eight lower main facets (10) of a traditional ideal-cut brilliant (1) with four facets, namely a bottom star pavilion (14), two bottom star halves (15), and bottom girdle pavilion (16), touching each other in a point, namely the meeting point, and whereby the pavilion height is approximately three percent longer than the pavilion height in the corresponding traditional ideal-cut brilliant (1).

IPC 8 full level
A44C 17/00 (2006.01)

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

Cited by
US11234499B2; US2016353847A1; US2016166021A1; US2022202150A1; US10849394B2; US11191328B2; US10271621B2; US2017231336A1; US2019274399A1; US11103035B2; US2021361039A1; CN114532678A; EP2505096A1; AT12644U1; WO2018061157A1; WO2012156336A1; US11553769B2; US11559121B2

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