

Title (en)  
A cut diamond

Title (de)  
Geschliffener Diamant

Title (fr)  
Diamant taillé

Publication  
**EP 2179672 A1 20100428 (EN)**

Application  
**EP 08018467 A 20081022**

Priority  
EP 08018467 A 20081022

Abstract (en)  
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)

Citation (search report)  
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Designated extension state (EPC)  
AL BA MK RS

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