

Title (en)  
Billiard cue

Title (de)  
Billardstock

Title (fr)  
Queue de billard

Publication  
**EP 1161973 A3 20030402 (EN)**

Application  
**EP 01111368 A 20010509**

Priority  
JP 2000173898 A 20000609

Abstract (en)  
[origin: EP1161973A2] A billiard cue comprises of a shaft portion and a bat portion which is coupled to the shaft portion. Both the shaft portion and/or the bat portion is shaped into a bar body in which a space is formed. The space is formed along a longitude of the bar body and has a cylindrical shape. The space may have a truncated cone shape. In addition, the space may be partially formed in the bar body. Furthermore, the space may have plural cylindrical space sections which are arranged along the longitude of the bar body. The cylindrical space sections have diameters which are different from one another. Bumps are positioned between the cylindrical space sections, respectively. Inasmuch as the shaft portion and/or the bat portion have the spaces, respectively, it is possible to make the billiard cue lighter. <IMAGE>

IPC 1-7  
**A63D 15/08**

IPC 8 full level  
**A63D 15/08** (2006.01)

CPC (source: EP US)  
**A63D 15/08** (2013.01 - EP US)

Citation (search report)

- [X] DE 29902111 U1 19990506 - YU KUO PIN [TW]
- [X] GB 2172808 A 19861001 - TONKS DAVID
- [X] US 1505609 A 19240819 - SEEMAN CHARLES E, et al
- [ED] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 24 11 May 2001 (2001-05-11)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1161973 A2 20011212; EP 1161973 A3 20030402**; CN 1332026 A 20020123; JP 2001346932 A 20011218; KR 20010110993 A 20011215; TW I235080 B 20050701; US 2001051547 A1 20011213

DOCDB simple family (application)  
**EP 01111368 A 20010509**; CN 01121461 A 20010608; JP 2000173898 A 20000609; KR 20010027555 A 20010521; TW 90111586 A 20010515; US 87588701 A 20010608