

Title (en)
Motion lighting pen with variably accompanying sound action

Title (de)
Schreibgerät mit variablen Licht und Tönen

Title (fr)
Stylo à lumière et son variables

Publication
EP 1371505 A1 20031217 (EN)

Application
EP 02013114 A 20020614

Priority
EP 02013114 A 20020614

Abstract (en)
A pen (10) with both music and motion lighting function but capably emitting multiple than one color light source variably accompanying the cadence or rhythm of pleasant music played to fascinate people for enjoying sight and hearing feeling. A music-light generating means (90) disclosed is fit into a tubular cylindrical holder (20) invented as a sound box to have those sounds generated from the music-light generating means capably made a resonance for hearing more sweet-sounding. <IMAGE>

IPC 1-7
B43K 29/00; **B43K 29/10**

IPC 8 full level
B43K 29/00 (2006.01); **B43K 29/10** (2006.01)

CPC (source: EP)
B43K 29/005 (2013.01); **B43K 29/10** (2013.01)

Citation (applicant)

- US 5967686 A 19991019 - MELNICK DEBORAH L [US]
- US 5944436 A 19990831 - HUANG TU-TAN [TW]
- GB 2280642 A 19950208 - BRAINY TOYS INC [CA]
- WO 9304874 A1 19930318 - BRAINY TOYS INC [CA]
- WO 9213725 A1 19920820 - BRAINY TOYS INC [CA]
- EP 0047379 A2 19820317 - KRUG KARL
- JP H08238890 A 19960917 - KOTANI MASAKI
- US 6261018 B1 20010717 - CHEN CHEN-YI [TW]

Citation (search report)

- [A] US 5251112 A 19931005 - CHEN MING H [TW]
- [A] US 6299372 B1 20011009 - WANG KUAN YUN [TW]

Cited by
CN107718943A; JP2018167460A; CN112634814A

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