

Title (en)
TOOTHBRUSH WITH TRANSPARENT HANDLE

Title (de)
ZAHNB RSTE MIT TRANSPARENTEM GRIFF

Title (fr)
BROSSE A DENTS A MANCHE TRANSPARENT

Publication
EP 1545264 A4 20131009 (EN)

Application
EP 03795670 A 20030909

Priority
• US 0328155 W 20030909
• US 40965002 P 20020910

Abstract (en)
[origin: WO2004024016A2] A toothbrush comprises an elongated handle and a head having cleaning elements extending outwardly from the head. At least a portion of the handle is made from a water clear material having low durometer hardness. At least one object may be embedded within the handle. The object would be visible through the outer surface of the handle.

IPC 8 full level
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CPC (source: EP US)
A46B 5/00 (2013.01 - EP US); **A46B 15/0089** (2013.01 - EP US); **A61C 17/225** (2013.01 - EP US); **A46B 2200/1066** (2013.01 - EP US)

Citation (search report)
• [X] JP H1175938 A 19990323 - SHINETSU POLYMER CO
• [I] WO 0021405 A1 20000420 - TRISA HOLDING AG [CH], et al
• [A] WO 0105270 A1 20010125 - TRISA HOLDING AG [CH], et al
• [A] US 5781958 A 19980721 - MEESSMANN JEFFREY S [US], et al
• [A] CN 2458914 Y 20011114 - DONGGUAN CHUANYI CRAFT PRODUCT [CN]
• [A] DE 20021315 U1 20010510 - LAI YIN CHU [TW]
• See references of WO 2004024016A2

Citation (examination)
US 3753266 A 19730821 - CENICEROS R

Designated contracting state (EPC)
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DOCDB simple family (publication)
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EP 1545264 A2 20050629; EP 1545264 A4 20131009; US 2005193510 A1 20050908

DOCDB simple family (application)
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