

Title (en)
TOOTHBRUSH

Title (de)
ZAHNBÜRSTE

Title (fr)
BROSSE A DENTS

Publication
EP 1171014 A1 20020116 (EN)

Application
EP 00911273 A 20000322

Priority

- JP 0001737 W 20000322
- JP 11482499 A 19990422
- JP 11482599 A 19990422
- JP 11482699 A 19990422
- JP 11482799 A 19990422

Abstract (en)
[origin: WO0064307A1] The invention relates to a toothbrush comprising rubber-like bar bristles set with an inclination toward the outside; a toothbrush comprising rubber-like bar bristles set alternately with bristle bundles in an upright position with their tips projected from the tips of the bristle bundles; a toothbrush comprising rubber-like bar bristles each having a cross-sectional shape that its face is wider at the peripheral side of a handle head than at the central side thereof; a toothbrush comprising a mixed bristle part composed of rubber-like bar bristles and soft bristle bundles, said mixed part being formed in a peripheral portion on the bristle-setting surface, and hard bristle bundles set in the central portion; and a toothbrush comprising rubber-like bar bristles set with the bases thereof connected to each other only on the side of the back surface of a handle head. According to the toothbrushes of the invention, a high massaging effect on gums, particularly, peripheries and papillae thereof is achieved, to say nothing of removal of sordes on teeth.

IPC 1-7
A46B 9/06; A46B 15/00

IPC 8 full level
A46B 9/06 (2006.01); **A46B 15/00** (2006.01)

CPC (source: EP)
A46B 9/06 (2013.01); **A46B 15/00** (2013.01)

Citation (search report)
See references of WO 0064307A1

Cited by
CN105686324A

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 0064307 A1 20001102; CN 1347290 A 20020501; EP 1171014 A1 20020116

DOCDB simple family (application)
JP 0001737 W 20000322; CN 00806467 A 20000322; EP 00911273 A 20000322