

Title (en)

INTRAORAL SANITARY DEVICE HAVING CONTINUOUSLY BENDABLE AND SETTABLE HANDLE

Publication

EP 0396764 A4 19911002 (EN)

Application

EP 89910665 A 19890920

Priority

JP 12530388 U 19880926

Abstract (en)

[origin: EP0396764A1] The tooth-brush has a worm wheel (2) fixed to an end surface of a handle (1) and a brush (10). A worm gear (3) is meshable with the worm wheel and is fixed to the opposed end surface. A knob (3) is fixed to the shaft of the worm gear. When the knob is turned with the handle gripped by the hand, this rotational force causes the worm wheel to be turned w.r.t. the worm gear. Accordingly, the brush can be displaced at an arbitrary angle w.r.t. the handle gripped by the hand.

IPC 1-7

A46B 5/00

IPC 8 full level

A46B 5/00 (2006.01); **A61C 17/00** (2006.01)

CPC (source: EP KR)

A46B 5/00 (2013.01 - KR); **A46B 5/0075** (2013.01 - EP); **A46B 5/0083** (2013.01 - EP); **A46B 2200/1066** (2013.01 - EP)

Citation (search report)

See references of WO 9003129A1

Cited by

GB2260895A; GB2260895B; WO9324033A1; WO2006061662A3

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0396764 A1 19901114; **EP 0396764 A4 19911002**; JP H0245023 U 19900328; JP H0646347 Y2 19941130; KR 900701196 A 19901201; KR 940010030 B1 19941021; WO 9003129 A1 19900405

DOCDB simple family (application)

EP 89910665 A 19890920; JP 12530388 U 19880926; JP 8900952 W 19890920; KR 900701049 A 19900518