

Title (en)
ELECTRONIC TOOTHBRUSH

Publication
EP 0324120 B1 19920812 (EN)

Application
EP 88120821 A 19881213

Priority
JP 51988 A 19880105

Abstract (en)
[origin: EP0324120A1] A tooth-brush comprising a handle (3) and a brush portion (5). The handle contains a piezo-electric generating element (4) having two electrodes (7,8). A diode (9) is situated between electrodes (7,8) for rectifying the flow of negative electrons from the brush portion (5) via the user's body to the handle (3). The flow of electrons induces a reducing process which effectively removes dental plaque.

IPC 1-7
A46B 15/00

IPC 8 full level
A46B 15/00 (2006.01); **A61C 17/00** (2006.01)

CPC (source: EP)
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Cited by
US5165131A; CN104983185A; FR2751185A1; EP0435329A3; GB2317555A; GB2317555B; GB2228402A; GB2228402B; AU622754B2; US6026828A; EP2449919A1; US2012291213A1; US8424146B2; CN103494435A; RU2509542C1; KR101371802B1; WO0185055A3; US7223270B2; US7223281B2; US8261399B2; JP2003532487A; WO2009157935A1; WO9810711A1; US10434324B2; US9919168B2; US11418000B2; US11791603B2; US10849687B2; US10966785B2; US11712299B2; US10500413B2; US10556123B2; US9780518B2; US10305244B2; US10581217B2; US11095087B2; US11664637B2; US10245107B2; US10285757B2; US10765478B2; US11446086B2

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