

Title (en)
SMART TOOTHBRUSH

Title (de)
INTELLIGENTE ZAHNBÜRSTE

Title (fr)
BROSSE À DENTS INTELLIGENTE

Publication
EP 3522751 A1 20190814 (EN)

Application
EP 17780070 A 20171002

Priority
• EP 16192878 A 20161007
• EP 2017074998 W 20171002

Abstract (en)
[origin: WO2018065372A1] A method of monitoring toothbrushing comprising: a coaching phase in which: a position sensor detects position information of a toothbrush during a first instance of free brushing by the user; one or more additional sensors record movement information of the toothbrush during the first instance of free brushing; a user-specific statistical model is generated which maps the positional information onto the movement information; and a monitoring phase in which: the one or more additional sensors record movement information of the toothbrush during a second instance of free brushing; and the toothbrush compares the movement information received during the second instance of free brushing with the user-specific statistical model to calculate positional information.

IPC 8 full level
A46B 15/00 (2006.01)

CPC (source: EP)
A46B 15/0006 (2013.01); **A46B 2200/1066** (2013.01)

Citation (search report)
See references of WO 2018065372A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2018065372 A1 20180412; BR 112019006426 A2 20190625; BR 112019006426 B1 20230117; CN 109862807 A 20190607; CN 109862807 B 20210209; EP 3522751 A1 20190814; EP 3522751 B1 20200916

DOCDB simple family (application)
EP 2017074998 W 20171002; BR 112019006426 A 20171002; CN 201780062017 A 20171002; EP 17780070 A 20171002