

Title (en)  
TOOTHBRUSH WITH A REPLACEABLE TOOTHPASTE CARTRIDGE

Title (de)  
ZAHNBÜRSTE MIT AUSWECHSELBARER ZAHNPASTAPATRONE

Title (fr)  
BROSSE À DENTS DOTÉE D'UNE CARTOUCHE DE DENTIFRICE REMPLAÇABLE

Publication  
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Application  
**EP 18826449 A 20180925**

Priority

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- RS 2018000014 W 20180925

Abstract (en)  
[origin: WO2019221623A1] The present invention provides a reusable toothbrush with a replaceable toothpaste cartridge, which allows the replacement of the cartridge (3) after the entire quantity of the toothpaste has been exhausted, so that the toothbrush does not need to be disposed of. Additionally, its bristle (20) is protected from contamination before usage by means of a cap (4), while the hardening of toothpaste is prevented. The present invention has two distinct functions, namely the extraction of fluid from the replaceable toothpaste cartridge (3) and resetting the device before the replacement of the replaceable toothpaste cartridge (3). The toothbrush comprises a toothbrush handle (1) intended to carry said bristle (20) and membrane (21), the latter being removably attached to a hollow shank (19), and which houses the replaceable toothpaste cartridge (3) and the mechanism for extracting toothpaste from the replaceable cartridge (3), which can be reset in order to replace the replaceable cartridge (3).

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