

ABSTRACT

TOOTHBRUSH

There is provided an electrically driven toothbrush having a simple structure and capable of changing the reciprocation stroke of bristles in a simple operation. The toothbrush is composed of a head portion 10 including a bristle portion 15 studded with bristles 14, a grip portion 12 having a motor 22, an intermediate transmission member 20 mounted in the grip portion and connected to the head portion, and a conversion mechanism 24 interposed between the intermediate transmission member and the motor for converting a rotational movement of the motor into a reciprocal movement of the intermediate transmission member. At least the bristle portion of the head portion is resiliently tiltable with respect to an axis of the intermediate transmission member, and at least the reciprocation stroke of the bristle portion can be changed in accordance with the tilting distance of the bristle portion.

(figure 1)