

Title (en)
DENTAL BURR

Title (de)
ZAHNÄRZTLICHES FRÄSSWERKZEUG

Title (fr)
FRAISE DENTAIRE

Publication
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Application
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Abstract (en)
[origin: WO9623450A1] A dental burr (10) is provided, whose use is specifically intended for the preparation of a tooth on which will be subsequently placed a crown, inlay, onlay, or other dental prosthetic. For any crown, inlay, onlay, or other bridge prosthodontic procedure, it is important that a series of grooves first be cut to a specific and predetermined depth, after which the lands that are created and stand between the grooves in the enamel and/or dentin of the tooth, will be ground down. However, the depth of the groove must be accurate. The dental burr of the present invention assures accuracy by providing a structure that has a cutting projection (20) that extends outwardly beyond a shoulder (26) that is formed in the burr, where the length of the cutting projection outward of the shoulder is a specific and predetermined length. Thus, a groove of a specific depth can be cut by using a specific burr. An intermediate portion (24) of the burr, which terminates in the shoulder, may be of a specific colour which is indicative of a specific length of the cutting projection. The intermediate portion may be formed by being machined into the material from which the burr has been manufactured, or it may be formed by placing a cylindrical sleeve (34) over a previously manufactured burr and fixing it in place so that the cutting projection is of the specified length.

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