

Title (en)  
ENDODONTIC INSTRUMENT FOR DRILLING THE ROOT CANALS OF A TOOTH

Title (de)  
ENDODONTISCHES INSTRUMENT ZUM BOHREN VON ZAHNWURZELKANÄLEN

Title (fr)  
INSTRUMENT ENDODONTIQUE POUR L'ALÉSAGE DE CANAUX RADICULAIRES D'UNE DENT

Publication  
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Application  
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Abstract (en)  
[origin: WO2012079183A1] The invention relates to an endodontic instrument (10) for drilling the root canals (21) of a tooth (20). Said instrument (10) comprises a working area (11) for forming and/or shaping and/or cutting the wall of the root canal (21) of the tooth (20). Said working area (11) is provided with a supporting endpiece (13) that is attachable to a manual or mechanically driven mounting (14). The working area (11) is arranged so as to assume a stowed configuration when the instrument (10) is in an inoperative position, and a structured expanded configuration when the instrument is in a working position, the transition from the inoperative position to the working position and vice versa being caused by predetermined variations in the temperature of the instrument. To this end, the working area (11) is made from a wire of a metal alloy having shape-memory properties or particular elasticity properties.

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