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(54) **SYSTEM FOR EVALUATING CUTTING EFFICIENCY OF ROOT CANAL ROTARY INSTRUMENTS**

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See application file for complete search history.

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(57) **ABSTRACT**

A system for evaluating cutting efficiency of root canal rotary instruments is provided. The system includes a root canal rotary instrument, a driving unit, a cutting object, a prestressing force providing unit and a feeding unit. The root canal rotary instrument is attached on the driving unit, and driven thereby. The cutting object is pressed by the prestressing force providing unit to contact the root canal rotary instrument. The feeding unit feeds the cutting object to the root canal rotary instrument, and the root canal rotary instrument cuts an uncut surface of the cutting object.

11 Claims, 7 Drawing Sheets

