

Title (en)
REMOVABLY FIXING A DENTAL INSTRUMENT WITH A RETRACTABLE CATCH RELATIVE TO A DRIVE SHAFT AXIS

Title (de)
ENTFERNBARE FIXIERUNG EINES ZAHNÄRZTLICHEN INSTRUMENTS MIT EINEM ZURÜCKZIEHBAREN RIEGEL BEZÜGLICH EINER ANTRIEBSWELLENACHSE

Title (fr)
FIXATION AMOVIBLE D'INSTRUMENT DENTAIRE AVEC TAQUET ESCAMOTABLE PAR RAPPORT A L'AXE D'UN FÛT D'ENTRAÎNEMENT

Publication
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Application
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Priority
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Abstract (en)
[origin: WO2006128982A1] The invention concerns a device for fixing instruments comprising a rotating shaft (5) designed to receive the instrument and drive same in rotation characterized in that it comprises: a device having at least one pin (11) elastically retractable perpendicularly relative to the axis of the instrument housing until it can be engaged in the catching groove (2) thereby causing the instrument to be axially retained and a catch (13) secured in rotation to the rotating shaft and which in combination with the rotating shaft provides the shape combined with that of the drive flat (3) of the shank of the instrument which is adapted to be radially or longitudinally retracted if the flat is properly oriented and resumes the position in which it drives in rotation the instrument. The flat of the instrument being globally urged to take up the suitable position during rotation when the slightest rotational force is applied thereto. The instrument is released by the action of a push button (17) for example, which controls the radial spacing apart or retraction of the pin.

IPC 8 full level
A61C 1/14 (2006.01)

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Citation (search report)
See references of WO 2006128982A1

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