

Title (en)

IMPROVEMENT TO DENTAL POWER INSTRUMENTS, SUCH AS ENDODONTIC INSTRUMENTS, AND CONTRA-ANGLE HANDPIECE

Title (de)

VERBESSERUNG VON ELEKTRISCHEN DENTALINSTRUMENTEN, WIE Z.B. ENDODONTISCHEN INSTRUMENTEN UND GEGENWINKEL-HANDSTÜCK

Title (fr)

PERFECTIONNEMENT AUX INSTRUMENTS DENTAIRES MECANISES, NOTAMMENT AUX INSTRUMENTS D'ENDODONTIE ET PIECE A MAIN, DIT "CONTRE-ANGLE" ADAPTE POUR RECEVOIR DE MANIERE AMOVIBLE DE TELS INSTRUMENTS

Publication

EP 1589893 A1 20051102 (FR)

Application

EP 03815835 A 20031020

Priority

- FR 0303091 W 20031020
- FR 0300474 A 20030115

Abstract (en)

[origin: FR2849767A1] The instrument (1) has an active part (2) and a handle (3) arranged at an opposite end of the active part. The handle has a rotating gear wheel (4) directly engaged in an upstream of a head of a hand piece. A shoulder (25) situated near the wheel is directed towards the active part. The head has a boring that provides housing for the handle and a maintaining unit axially retracting from the handle of the instrument.

IPC 1-7

A61C 1/14

IPC 8 full level

A61C 1/14 (2006.01); **A61C 1/18** (2006.01); **A61C 3/04** (2006.01)

CPC (source: EP KR US)

A61C 1/14 (2013.01 - KR); **A61C 1/141** (2013.01 - EP US); **A61C 1/185** (2013.01 - EP US); **A61C 3/02** (2013.01 - KR); **A61C 3/04** (2013.01 - KR); **A61C 3/04** (2013.01 - EP US)

Citation (search report)

See references of WO 2004071325A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2849767 A1 20040716; FR 2849767 B1 20060203; AU 2003303920 A1 20040906; AU 2003303920 B2 20090108; CA 2512218 A1 20040826; CA 2512218 C 20090804; CN 1738577 A 20060222; CN 1738577 B 20100915; EP 1589893 A1 20051102; JP 2006513006 A 20060420; JP 4497307 B2 20100707; KR 20050092412 A 20050921; MX PA05007391 A 20050912; RU 2005125596 A 20060210; RU 2306112 C2 20070920; US 2006121414 A1 20060608; US 7771198 B2 20100810; WO 2004071325 A1 20040826

DOCDB simple family (application)

FR 0300474 A 20030115; AU 2003303920 A 20031020; CA 2512218 A 20031020; CN 200380108892 A 20031020; EP 03815835 A 20031020; FR 0303091 W 20031020; JP 2004568137 A 20031020; KR 20057013082 A 20050714; MX PA05007391 A 20031020; RU 2005125596 A 20031020; US 54245105 A 20050715