

Title (en)

DRIVE SYSTEM FOR DENTAL HANDPIECES

Title (de)

ANTRIEBSSYSTEM FÜR ZAHNÄRZTLICHE HANDSTÜCKE

Title (fr)

SYSTEME D'ENTRAINEMENT POUR PIECES A MAIN DENTAIRES

Publication

EP 1082064 A1 20010314 (DE)

Application

EP 99927758 A 19990526

Priority

- DE 29809467 U 19980526
- DE 29813086 U 19980722
- EP 9903619 W 19990526

Abstract (en)

[origin: US6425761B1] A drive system for dental handpieces, having a rotor (12) secured to a motor shaft (11), an anti-friction bearing system (13, 14), including an inner bearing race (17), an outer bearing race (18) and a plurality of rolling elements (19) arranged between the bearing races, and a coupling element (16) for coupling thereto a dental instrument (1) that is to be driven, the rolling elements consisting of a non-electroconductive material.

IPC 1-7

A61C 1/06; **A61C 1/18**

IPC 8 full level

A61C 1/06 (2006.01); **A61C 1/18** (2006.01); **F16C 33/32** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 9960944A1

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US 71727300 A 20001122; DE 19843951 A 19980924; EP 9903619 W 19990526; EP 99927758 A 19990526; JP 2000550412 A 19990526