

Title (en)  
DENTAL HANDPIECE.

Title (de)  
ZAHNÄRZTLICHES HANDSTÜCK.

Title (fr)  
PIECE A MAIN DENTAIRE.

Publication  
**EP 0624078 A1 19941117 (DE)**

Application  
**EP 93901948 A 19930128**

Priority  
• AT 14492 A 19920129  
• AT 9300010 W 19930128

Abstract (en)  
[origin: WO9314713A1] In order to give rotational speed of preferably 180,000 to 200,000 rpm, the invention proposes that the air-powered turbine (5), which in prior art dental handpieces is fitted in the head (4) of the handpiece, be mounted in the handle (3) and a reduction gear (2, 2') used to enable the turbine to be run at lower speeds.

Abstract (fr)  
Afin d'atteindre une plage de vitesse de rotation comprise de préférence entre 180,000 et 200,000 t/mn, une turbine (5) à air comprimé, telle qu'elle figurait jusqu'à maintenant dans la tête (4) de la pièce à main, est disposée dans le manche (3). Un démultiplicateur (2, 2') permet de réduire la vitesse de rotation.

IPC 1-7  
**A61C 1/05**; **A61C 1/08**

IPC 8 full level  
**A61C 1/05** (2006.01); **A61C 1/08** (2006.01); **A61C 1/18** (2006.01)

CPC (source: EP)  
**A61C 1/05** (2013.01); **A61C 1/185** (2013.01)

Citation (search report)  
See references of WO 9314713A1

Designated contracting state (EPC)  
CH DE FR GB IT LI

DOCDB simple family (publication)  
**WO 9314713 A1 19930805**; AT 402886 B 19970925; AT A14492 A 19940215; EP 0624078 A1 19941117; JP H07502920 A 19950330

DOCDB simple family (application)  
**AT 9300010 W 19930128**; AT 14492 A 19920129; EP 93901948 A 19930128; JP 51278593 A 19930128