

Title (en)
DENTAL HANDPIECE

Title (de)
ZAHNÄRZTLICHES HANDSTÜCK

Title (fr)
PIECE A MAIN DENTAIRE

Publication
EP 1349511 A2 20031008 (EN)

Application
EP 01989219 A 20011214

Priority

- US 0148387 W 20011214
- US 25657900 P 20001218
- US 1702301 A 20011214

Abstract (en)
[origin: WO02054970A2] A dental handpiece (10) of the type having a body (11), a head (13) and a neck (12), is improved by having at least one portion of the handpiece (10) formed by metal injection molding or MIM. The use of MIM allows for improved fabrication and function. According to one aspect of the invention, the head (13) and neck (12) of the handpiece (10) are MIM-formed as a single or unitary piece.

IPC 1-7
A61C 1/00

IPC 8 full level
A61C 1/08 (2006.01); **A61C 1/12** (2006.01); **B22F 3/22** (2006.01); **A61C 1/16** (2006.01)

CPC (source: EP)
A61C 1/08 (2013.01); **B22D 17/00** (2013.01); **B22F 3/225** (2013.01); **A61C 1/16** (2013.01); **B22F 2998/00** (2013.01)

Citation (search report)
See references of WO 02054970A2

Citation (examination)

- US 5683247 A 19971104 - BAILEY RONALD L [US]
- US 5772436 A 19980630 - MATSUI AKIRA [JP], et al

Designated contracting state (EPC)
AT BE CH CY DE DK FR GB IT LI

DOCDB simple family (publication)
WO 02054970 A2 20020718; **WO 02054970 A3 20030220**; CA 2431865 A1 20020718; CA 2431865 C 20140128; EP 1349511 A2 20031008; JP 2004520891 A 20040715

DOCDB simple family (application)
US 0148387 W 20011214; CA 2431865 A 20011214; EP 01989219 A 20011214; JP 2002555709 A 20011214