

Title (en)  
INSTRUMENT FOR MEDICAL PURPOSES

Title (de)  
INSTRUMENT FÜR MEDIZINISCHE ZWECKE

Title (fr)  
INSTRUMENT A USAGE MEDICAL

Publication  
**EP 1180975 A1 20020227 (DE)**

Application  
**EP 00931214 A 20000512**

Priority  
• DE 19922056 A 19990514  
• EP 0004343 W 20000512

Abstract (en)  
[origin: DE19922056A1] Instrument has a housing containing an electromagnetic or ultrasonic transducer (7). The transducer has a drive (1,2) for its rotation about its axle (6).

IPC 1-7  
**A61B 8/12**; G10K 11/35; G01S 15/89

IPC 8 full level  
**A61B 5/05** (2006.01); **A61B 8/12** (2006.01); **H04R 1/00** (2006.01); **A61B 5/00** (2006.01)

CPC (source: EP US)  
**A61B 5/0507** (2013.01 - EP US); **A61B 8/12** (2013.01 - EP US); **A61B 8/445** (2013.01 - EP US); **A61B 8/4461** (2013.01 - EP US);  
**A61B 5/00** (2013.01 - EP US); **A61B 5/05** (2013.01 - EP US)

Citation (search report)  
See references of WO 0069341A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**DE 19922056 A1 20001123**; EP 1180975 A1 20020227; JP 2002543909 A 20021224; US 6684094 B1 20040127; WO 0069341 A1 20001123

DOCDB simple family (application)  
**DE 19922056 A 19990514**; EP 0004343 W 20000512; EP 00931214 A 20000512; JP 2000617801 A 20000512; US 916302 A 20020318