

Title (en)
VIBRATION TRANSDUCERS

Title (de)
SCHWINGUNGSWANDLER

Title (fr)
TRANSDUCTEURS DE VIBRATIONS

Publication
EP 0847675 B1 19990310 (EN)

Application
EP 96929393 A 19960902

Priority
• GB 9602148 W 19960902
• GB 9517918 A 19950902
• GB 9522281 A 19951031
• GB 9606836 A 19960330

Abstract (en)
[origin: WO9709858A1] A vibration transducer (9) to vibrate a member (2) having a face, characterised by a motor coil assembly having a coil (13) rigidly fixed to a tubular member (18), the assembly being adapted to be fixed to the said face of the member, and by a magnet assembly (15) comprising opposed disc-like pole pieces, the periphery of one of which pole pieces is arranged to be disposed with and adjacent to the motor coil assembly, and the periphery of the other of which pole pieces is formed with a surround flange (90) adapted to surrounding and to be disposed adjacent to the motor coil assembly, and characterised in that the magnet assembly is adapted to be secured at its centre to the said member to be vibrated.

IPC 1-7
H04R 9/06; H04R 9/02; H04R 1/02; H04R 7/06

IPC 8 full level
H04R 7/06 (2006.01); **H04R 9/02** (2006.01); **H04R 9/06** (2006.01); **H04R 7/04** (2006.01)

CPC (source: EP)
H04R 9/025 (2013.01); **H04R 9/066** (2013.01); **H04R 7/045** (2013.01)

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

DOCDB simple family (publication)
WO 9709858 A1 19970313; AT E177583 T1 19990315; AU 6880896 A 19970327; AU 703061 B2 19990311; BR 9610440 A 19990217; CA 2229856 A1 19970313; CZ 57598 A3 19980715; CZ 57698 A3 19981111; DE 69601734 D1 19990415; DE 69601734 T2 19990916; DK 0847675 T3 19990927; EA 000376 B1 19990624; EA 199800248 A1 19981029; EP 0847675 A1 19980617; EP 0847675 B1 19990310; ES 2131956 T3 19990801; HK 1008639 A1 19990514; HU P9802389 A2 19990201; IL 123371 A0 19980924; IL 123371 A 20010724; JP H11512252 A 19991019; NZ 316550 A 19981028; PL 325284 A1 19980720; RO 119055 B1 20040227; SK 25698 A3 19980909; TR 199800369 T1 19980521

DOCDB simple family (application)
GB 9602148 W 19960902; AT 96929393 T 19960902; AU 6880896 A 19960902; BR 9610440 A 19960902; CA 2229856 A 19960902; CZ 57598 A 19960902; CZ 57698 A 19960902; DE 69601734 T 19960902; DK 96929393 T 19960902; EA 199800248 A 19960902; EP 96929393 A 19960902; ES 96929393 T 19960902; HK 98109441 A 19980728; HU P9802389 A 19960902; IL 12337196 A 19960902; JP 51095197 A 19960902; NZ 31655096 A 19960902; PL 32528496 A 19960902; RO 9800632 A 19960902; SK 25698 A 19960902; TR 9800369 T 19960902