

Title (en)
VIBRATING GYROSCOPE

Title (de)
VIBRATIONSKREISEL

Title (fr)
GYROSCOPE VIBRANT

Publication
EP 1151245 A1 20011107 (FR)

Application
EP 00901677 A 20000131

Priority
• FR 0000210 W 20000131
• FR 9901074 A 19990201

Abstract (en)
[origin: FR2789170A1] The invention relates to a vibrating gyroscope comprising a vibrating cylinder (1) that is magnetically or electrostatically excited. Regularly distributed masses (19) designed to lower the vibration frequency of said cylinder are arranged thereon. The inventive gyroscope is much more accurate than conventional gyroscopes and can be produced easily at low cost. The invention can be used to measure angular rotation or angular speed.

IPC 1-7
G01C 19/56

IPC 8 full level
G01C 19/5691 (2012.01)

CPC (source: EP US)
G01C 19/5691 (2013.01 - EP US)

Citation (search report)
See references of WO 0045127A1

Citation (examination)
FR 2769086 A1 19990402 - SALABERRY BERNARD LUCIEN CHARL [FR]

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)
FR 2789170 A1 20000804; FR 2789170 B1 20010223; AU 2300100 A 20000818; BR 0007873 A 20011016; CA 2361136 A1 20000803; EP 1151245 A1 20011107; US 6640630 B1 20031104; WO 0045127 A1 20000803

DOCDB simple family (application)
FR 9901074 A 19990201; AU 2300100 A 20000131; BR 0007873 A 20000131; CA 2361136 A 20000131; EP 00901677 A 20000131; FR 0000210 W 20000131; US 89042201 A 20010731