

Title (en)

MICRO-MACHINED VIBRATING STRUCTURE AND ASSOCIATED MICRO-GYROSCOPE

Title (de)

MIKROBEARBEITETE VIBRIERENDE STRUKTUR UND ASSOZIIERTES MIKROGYROSKOP

Title (fr)

STRUCTURE VIBRANTE MICRO-USINEE ET MICROGYROMETRE ASSOCIE

Publication

EP 1695031 A1 20060830 (FR)

Application

EP 04816376 A 20041213

Priority

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- FR 0314973 A 20031219

Abstract (en)

[origin: FR2864226A1] The structure has an anchoring end (5) integrated to a fixed support (6), and a vibrating wall (7) comprising a base (8) and a free end (9). Stationary or progressive waves are generated in the vibrating wall. A naturally uncoupled zone is located between the anchoring end and the free end of the vibrating wall. The anchoring end is constituted by the base of the vibrating wall. An independent claim is also included for a microgyrometer comprising a micro-machined vibrating structure.

IPC 8 full level

B81B 3/00 (2006.01); **G01C 19/5691** (2012.01); **H03H 9/02** (2006.01); **H03H 9/24** (2006.01)

CPC (source: EP US)

G01C 19/5691 (2013.01 - EP US); **Y10T 74/12** (2015.01 - EP US)

Citation (search report)

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