

Title (en)

Device for generating shock waves and method of adjusting such a device

Title (de)

Stoßwellenerzeugungseinrichtung und Verfahren zum Regeln einer solchen

Title (fr)

Dispositif pour générer des ondes de choc et procédé pour régler ce dispositif

Publication

EP 1727125 A1 20061129 (DE)

Application

EP 04028176 A 20041126

Priority

EP 04028176 A 20041126

Abstract (en)

Device has measuring device (8) with PZT-thin layered element (26), which is arranged in shock waves field in such a way that shock waves meet PZT-thin layered element. An electric measurement size generated by a mechanical deformation of PZT-thin layered element records the operating shock waves and is used as mass for correction step to be carried out with control device (22) on unit generated by shock waves. Independent claims are also included for the following: (A) Use of the device; and (B) Method for regulating shock waves.

IPC 8 full level

A61B 17/22 (2006.01); **G10K 15/06** (2006.01)

CPC (source: EP)

G10K 15/06 (2013.01)

Citation (applicant)

- EP 0911804 A2 19990428 - MTS MEDICAL TECHNOLOGIES & SER [DE]
- DE 10311659 A1 20040930 - SWS SHOCK WAVE SYSTEMS AG ILLI [CH]
- FR 2663531 A1 19911227 - TECHNOMED INT SA [FR], et al
- EP 96102532 A 19960220

Citation (search report)

- [X] FR 2663531 A1 19911227 - TECHNOMED INT SA [FR], et al
- [X] US 5109338 A 19920428 - ERMERT HELMUT [DE], et al
- [A] EP 0256202 A2 19880224 - SIEMENS AG [DE]
- [DA] DE 10311659 A1 20040930 - SWS SHOCK WAVE SYSTEMS AG ILLI [CH]

Citation (examination)

- JP 2004265900 A 20040924 - NAT INST OF ADV IND & TECHNOL
- DATABASE INSPEC THE INSTITUTION OF ELECTRICAL ENGINEERS, STEVENAGE, GB; 12 March 2003 (2003-03-12), POLCAWICH R G ET AL: "Design and fabrication of a lead zirconate titanate (PZT) thin film acoustic sensor"

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK YU

DOCDB simple family (publication)

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