

Title (en)  
DYNAMIC HOLOGRAPHIC VELOCIMETER FOR MEASURING VIBRATIONS

Title (de)  
HOLOGRAPHISCHER DYNAMISCHER GESCHWINDIGKEITSMESSER ZUR SCHWINGUNGSMESSUNG

Title (fr)  
VELOCIMETRE HOLOGRAPHIQUE DYNAMIQUE POUR LA MESURE DE VIBRATIONS

Publication  
**EP 1093569 A1 20010425 (FR)**

Application  
**EP 99929416 A 19990706**

Priority  
• FR 9901631 W 19990706  
• FR 9808630 A 19980706

Abstract (en)  
[origin: FR2780794A1] The invention concerns a method for velocimetric measuring of a target (6) vibrating with a displacement higher than the wavelength, with limited extension about a mean position, which consists in causing a reference laser beam (3) and a beam diffused (14) by the target (6) to interfere in the holographic material (4); and measuring with a photoelectric detector (8) the variation of the luminous intensity transmitted by the material is measured.

IPC 1-7  
**G01H 9/00**

IPC 8 full level  
**G01H 9/00** (2006.01); **G01H 17/00** (2006.01); **G01S 17/58** (2006.01)

CPC (source: EP US)  
**G01H 17/00** (2013.01 - EP US); **G01S 17/58** (2013.01 - EP US); **G03H 2001/0033** (2013.01 - EP US)

Citation (search report)  
See references of WO 0002023A1

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 2780794 A1 20000107**; **FR 2780794 B1 20070928**; AU 4624199 A 20000124; CA 2337267 A1 20000113; CA 2337267 C 20080219; EP 1093569 A1 20010425; JP 2002519690 A 20020702; JP 4405673 B2 20100127; US 2002105651 A1 20020808; US 6486959 B2 20021126; WO 0002023 A1 20000113

DOCDB simple family (application)  
**FR 9808630 A 19980706**; AU 4624199 A 19990706; CA 2337267 A 19990706; EP 99929416 A 19990706; FR 9901631 W 19990706; JP 2000558368 A 19990706; US 75461501 A 20010104