

Title (en)  
Optical compressive force sensor

Title (de)  
Optische Druckkrafterfassungsvorrichtung

Title (fr)  
Capteur optique de force compressive

Publication  
**EP 0696782 B1 19990414 (DE)**

Application  
**EP 95112610 A 19950810**

Priority  
DE 4428650 A 19940812

Abstract (en)  
[origin: EP0696782A1] The device possesses a light source and a light detector (5) between which the optical fibre (1) is fitted. The light detector is coupled via an evaluation unit to an alarm system. The equipment includes an evaluating unit receiving the signals from the light detector (5) varying with the pressure. This light detector covers the output angle of the optical fibre that traps the part of the beam field of those modes of low order.

IPC 1-7  
**G08B 13/10**

IPC 8 full level  
**G08B 13/10** (2006.01)

CPC (source: EP US)  
**G08B 13/10** (2013.01 - EP US)

Cited by  
DE102009046408A1; EP2602069A1; DE102009055121A1; DE102009055124A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0696782 A1 19960214; EP 0696782 B1 19990414**; AT E179010 T1 19990415; CA 2155892 A1 19960213; CA 2155892 C 20020702; DE 4428650 A1 19960215; DE 59505633 D1 19990520; US 5604318 A 19970218

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**EP 95112610 A 19950810**; AT 95112610 T 19950810; CA 2155892 A 19950811; DE 4428650 A 19940812; DE 59505633 T 19950810; US 51435995 A 19950811