

Title (en)

SYSTEM AND METHOD OF DETECTING AND LOCATING A DISTURBANCE IN A MEDIUM

Title (de)

SYSTEM UND VERFAHREN ZUR ERKENNUNG UND LOKALISIERUNG EINER STÖRUNG IN EINEM MEDIUM

Title (fr)

SYSTEME ET PROCEDE DE DETECTION ET DE LOCALISATION D'UNE PERTURBATION D'UN MILIEU

Publication

**EP 2737389 A1 20140604 (FR)**

Application

**EP 12744065 A 20120709**

Priority

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Abstract (en)

[origin: WO2013014357A1] This system of detecting and locating a disturbance (P) in a medium comprises a medium (10) for propagating bulk acoustic waves (30, 32), means (12) of emitting bulk acoustic waves in the medium, means (14) of receiving bulk acoustic waves after their propagation in the medium, intended to supply a reception signal (R) from the received acoustic waves, and means (50, 60) of detecting and locating the disturbance (P) in the medium from the reception signal (R). The medium (10) comprises a layer (16), referred to as the dermis, made of elastic material whose thickness can be deformed locally by the disturbance (P).

IPC 8 full level

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CPC (source: EP US)

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