

Title (en)

DEVICE FOR DETECTING AND/OR MEASURING OUT AT LEAST ONE CHEMICAL COMPOUND, AND CHAMBER FOR FORMING SUCH A DEVICE

Title (de)

VORRICHTUNG ZUR ERKENNUNG UND/ODER MESSUNG MINDESTENS EINER CHEMISCHEN VERBINDUNG SOWIE KAMMER ZUR HERSTELLUNG EINER DERARTIGEN VORRICHTUNG

Title (fr)

DISPOSITIF DE DETECTION ET/OU DE DOSAGE D'AU MOINS UN COMPOSÉ CHIMIQUE ET ENCEINTE DESTINÉE À FORMER UN TEL DISPOSITIF

Publication

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Application

EP 15713897 A 20150402

Priority

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Abstract (en)

[origin: WO2015150562A1] The invention relates to a device (1) intended for detecting and/or measuring out one or more chemical compounds and comprising at least a first and a second vibrating surfaces (21), each having a resonance frequency that varies when placed in the presence of at least one chemical compound to be detected; and at least one first system (12) for actuating the first and second vibrating surfaces (21), said actuating system being suitable for vibrating the first and second vibrating surfaces (21). The first actuating system (12) is suitable for generating a first mechanical wave remote from the first and second vibrating surfaces (21). Said actuating system (12) is arranged in said device (1) such that the first mechanical wave is transmitted to the first and second vibrating surfaces (21) such as to vibrate the first and second vibrating surfaces (21). The invention also relates to a cell (10) for forming such a device (1).

IPC 8 full level

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Citation (search report)

See references of WO 2015150562A1

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