

**Information on Search Strategy - Pilot phase (see OJ 2015, A86)**

The type of information contained in this sheet may change during the pilot for improving the usefulness of this new service.

Application Number

PCT/EP2016/065440

TITLE: ULTRASOUND SYSTEM AND ULTRASONIC PULSE TRANSMISSION METHOD

APPLICANT: KONINKLIJKE PHILIPS N.V.

IPC CLASSIFICATION: B06B1/02, A61B8/00, G01N29/24

EXAMINER: Breccia, Luca

CONSULTED DATABASES: EPODOC, WPI, NPL

CLASSIFICATION SYMBOLS DEFINING EXTENT OF THE SEARCH:

IPC:

CPC: B06B1/0292, A61B8/00, G01N29/2406, B06B1, G01N29, A61B8, G10K11, G01S15, H03H3/0072/LOW, H03H9/24/LOW, H04R19, G01H11, Y10T29/49005, B81C1/00015/LOW

FI/F-TERMS:

KEYWORDS OR OTHER ELEMENTS FEATURING THE INVENTION:

System and method for a CMUT transducer comprising a bias voltage for bringing the membrane in collapsed state, an AC voltage for vibrating the membrane and a mass placed on the membrane to keep the central part of the membrane in contact with the substrate during vibration.