Title (en)

ULTRASOUND BUBBLE RECOGNITION IMAGING

Title (de)

ULTRASCHALLDARSTELLUNG UNTER VERWENDUNG VON MIKROBLÄSCHENERKENNUNG

Title (fr)

IMAGERIE DE RECONNAISSANCE DE BULLES PAR ULTRASONS

Publication

EP 1019093 A1 20000719 (EN)

Application

EP 98946815 A 19980917

Priority

- US 9818245 W 19980917
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- US 7138998 P 19980115

Abstract (en)

[origin: WO9917808A1] In a method of identifying gaseous bubbles in a liquid, an ultrasound contrast agent is introduced into the liquid so as to form gaseous bubbles in the liquid. A first ultrasound pulse centered at a first frequency is directed onto the bubbles so as to cause the bubbles to undergo a first oscillating size change and produce a first oscillating echo signal corresponding thereto. The first oscillating echo signal produced by the bubbles is detected, and the bubbles are identified based upon the detected first echo signal.

IPC 1-7

A61K 49/00; G01S 15/89; G01S 7/52

IPC 8 full level

A61K 49/00 (2006.01); **A61B 8/00** (2006.01); **G01S 7/52** (2006.01); **G01S 7/524** (2006.01); **G01S 15/89** (2006.01); A61B 8/06 (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 9917808A1

Designated contracting state (EPC)

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