



(11) **EP 1 938 755 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
14.10.2015 Bulletin 2015/42

(51) Int Cl.:
A61B 8/08 (2006.01) F16H 19/00 (2006.01)
G01S 15/89 (2006.01) G10K 11/35 (2006.01)
H02K 7/00 (2006.01)

(43) Date of publication A2:
02.07.2008 Bulletin 2008/27

(21) Application number: **07025146.7**

(22) Date of filing: **27.12.2007**

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR
Designated Extension States:
AL BA HR MK RS

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(30) Priority: **27.12.2006 KR 20060135164**

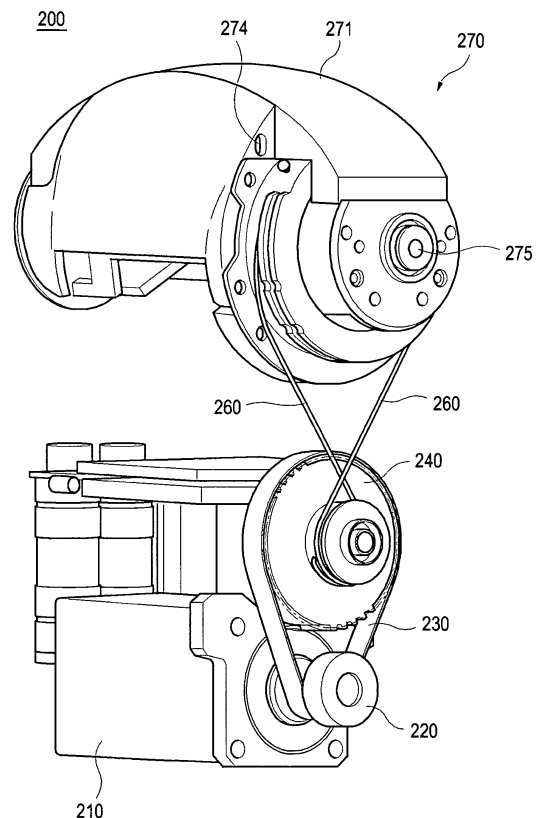
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(54) **Device for rotating a transducer of an ultrasonic probe**

(57) Embodiments of the present invention may provide a device for rotating a transducer of an ultrasonic probe, which has a simple manufacturing process and a small size. The device may comprise: a drive motor; a pulley rotatably driven by the drive motor; wire-ropes wound around the pulley; a rotatable transducer having a plurality of ultrasonic elements; and buffer springs connecting one ends of the wire-ropes and the transducer, the buffer springs being attached to the transducer.

FIG. 5



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EUROPEAN SEARCH REPORT

Application Number
EP 07 02 5146

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			G10K A61B G01S H02K
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 9 September 2015	Examiner Hippchen, Sabine
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EPO FORM 1503 03.82 (P04C01)

ANNEX TO THE EUROPEAN SEARCH REPORT
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EPO FORM P0458

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专利名称(译)	用于旋转超声波探头的换能器的装置		
公开(公告)号	EP1938755A3	公开(公告)日	2015-10-14
申请号	EP2007025146	申请日	2007-12-27
申请(专利权)人(译)	MEDISON CO. , LTD.		
当前申请(专利权)人(译)	MEDISON CO. , LTD.		
[标]发明人	KIM SEONG RAE		
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IPC分类号	A61B8/08 F16H19/00 G01S15/89 G10K11/35 H02K7/00		
CPC分类号	A61B8/08 A61B8/4461 A61B8/483 G01S15/894 G10K11/355 H02K7/1004 H02K7/14		
代理机构(译)	LORENZ , WERNER		
优先权	1020060135164 2006-12-27 KR		
其他公开文献	EP1938755A2		
外部链接	Espacenet		

摘要(译)

本发明的实施例可以提供一种用于旋转超声波探头的换能器的装置，其具有简单的制造工艺和小尺寸。该装置可包括：驱动马达；滑轮由驱动马达可旋转地驱动；钢丝绳缠绕在滑轮上；可旋转的换能器，具有多个超声波元件；和缓冲弹簧连接钢丝绳和传感器的一端，缓冲弹簧连接到传感器上。

