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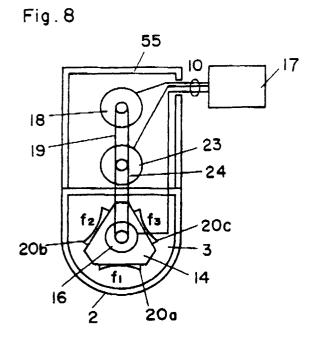
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- (54) Ultrasonic transducers for medical diagnostic examinations.
- The supporting member (14) rotates or swing in the container (2) and ultrasonic beam emanated therefrom scans object in sector form. The divided transducers (20) in a container (2) and ultrasonic beam emanated therefrom scans object in sector form. The divided transducers (20) are divided electrically or mechanically. The supporting member (14) is located in a container (2) with ultrasonic wave propagating medium (3). The supporting member (14) rotates or swing in the container (2) and ultrasonic beam emanated therefrom scans object in sector form. The divided transducers (20) are selectively driven in commonly or separately in accordance with display mode.

Another embodiment which includes a plurality of ultrasonic transducers (20) each having different focal length is also disclosed.





EUROPEAN SEARCH REPORT

EP 91 11 1825

| DOCUMENTS CONSIDERED TO BE RELEVANT | | | | | |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------|
| Category | | th indication, where appropriate, vant passages | | elevant o claim | CLASSIFICATION OF THE APPLICATION (Int. CI.5) |
| X | DE-A-3 045 623 (SIEMEN * page 4, line 34 - page 5, li | | 1 | | G 10 K 11/00 |
| Υ | _ | | 2 | | |
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| Α | US-A-4 149 419 (CONNEL * figures 5,8,10 * | LL ET AL) | 3 | | |
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| | | | | | TECHNICAL FIELDS SEARCHED (Int. CI.5) |
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| | The present search report has I | peen drawn up for all claims | | | |
| | Place of search | Date of completion of search | | | Examiner |
| The Hague 19 February 92 | | | | ANDERSON A.TH. | |
| Y: A: O: P: | CATEGORY OF CITED DOCL particularly relevant if taken alone particularly relevant if combined wit document of the same catagory technological background non-written disclosure intermediate document theory or principle underlying the in | JMENTS E: h another D: L: | the filing o document document | late cited in th cited for o | ent, but published on, or after e application ther reasons patent family, corresponding |