

Title (en)  
PHASED-ARRAY APPARATUS

Publication  
**EP 0170072 B1 19890927 (DE)**

Application  
**EP 85108128 A 19850701**

Priority  
DE 3425705 A 19840712

Abstract (en)  
[origin: US4829491A] Phased-array apparatus has a number of ultrasonic transducer elements (E1 to E64) to which are associated delay line elements (M1, T1 to M64, T64, W1-1, W1-2, N1 to W16-1, W16-2, N16; W1 to W16; VL1 to VL64, VR1 to VR16) to provide reception. In order that the control angle may be adjusted with high accuracy, according to the inventive principles delay line elements are provided for the received signals with a short and with a long delay, and several adjacent channels are combined for signal processing. Due to this arrangement, economical constructions of embodiments of the invention are realized.

IPC 1-7  
**G10K 11/34**

IPC 8 full level  
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Cited by  
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