

Title (en)

ELECTRONIC FOCUSING DEVICE FOR ULTRASONIC WAVES

Publication

**EP 0169123 B1 19890315 (FR)**

Application

**EP 85401266 A 19850625**

Priority

FR 8410942 A 19840710

Abstract (en)

[origin: US4779242A] A device for electronic focusing of ultrasonic waves in which the focusing means comprise a hierarchized assembly of elementary circuits each provided with a delay line connected in parallel with a direct line to a centralizing unit and in which the time-delay of the delay line in a circuit is a function of the relative time-delay which must exist between the two cells or the two circuits connected to said circuit. It is shown that, in the invention, a technological advance is achieved by thus minimizing the maximum time-delays to be established in the case of each delay line.

IPC 1-7

**G10K 11/34**

IPC 8 full level

**G01N 29/26** (2006.01); **A61B 8/00** (2006.01); **A61B 8/14** (2006.01); **G01N 29/04** (2006.01); **G01N 29/24** (2006.01); **G01N 29/44** (2006.01); **G10K 11/34** (2006.01)

CPC (source: EP US)

**G10K 11/346** (2013.01 - EP US)

Cited by

EP0420346A1; FR2652654A1

Designated contracting state (EPC)

AT DE GB IT NL

DOCDB simple family (publication)

**EP 0169123 A1 19860122**; **EP 0169123 B1 19890315**; AT E41543 T1 19890415; DE 3568886 D1 19890420; FR 2567670 A1 19860117; FR 2567670 B1 19880122; JP H0656381 B2 19940727; JP S6135350 A 19860219; US 4779242 A 19881018

DOCDB simple family (application)

**EP 85401266 A 19850625**; AT 85401266 T 19850625; DE 3568886 T 19850625; FR 8410942 A 19840710; JP 15215285 A 19850710; US 75259985 A 19850708