

Title (en)
ULTRASONIC PROBE AND ACOUSTIC IMAGING SYSTEM USING THIS PROBE

Publication
EP 0098202 B1 19860820 (FR)

Application
EP 83401263 A 19830617

Priority
FR 8211398 A 19820629

Abstract (en)
[origin: US4531412A] An ultrasonic probe for accurately determining angular location includes a rotating mobile assembly with at least one angular location track placed thereon. The angular location track is inscribed with location data arranged in a succession of pulses. As the mobile assembly rotates, the track traces a path in space. A fixed reading unit is provided at a point along the path to read the data inscribed on the track. The read data contains information corresponding to the angular position of the mobile assembly at any given point in time.

IPC 1-7
G10K 11/00

IPC 8 full level
A61B 8/00 (2006.01); **G01N 29/44** (2006.01); **G10K 11/35** (2006.01)

CPC (source: EP US)
G10K 11/355 (2013.01 - EP US)

Citation (examination)
ULTRASONICS, janvier 1976, pages 35-40, Guildford, G.B. A. SHAW et al.: "A real time 2-dimensional ultrasonic scanner for clinical use"

Cited by
FR3142340A1; WO2024115824A1; FR3142339A1; WO2024115823A1

Designated contracting state (EPC)
DE IT

DOCDB simple family (publication)
EP 0098202 A1 19840111; EP 0098202 B1 19860820; DE 3365443 D1 19860925; FR 2529073 A1 19831230; FR 2529073 B1 19851025; JP S5914847 A 19840125; US 4531412 A 19850730

DOCDB simple family (application)
EP 83401263 A 19830617; DE 3365443 T 19830617; FR 8211398 A 19820629; JP 11683083 A 19830628; US 50745483 A 19830624