

Title (en)
ULTRASONIC PROBE

Publication
EP 0373603 A3 19911113 (EN)

Application
EP 89122956 A 19891212

Priority
JP 31542288 A 19881214

Abstract (en)
[origin: EP0373603A2] An ultrasonic probe (1) includes a plurality of piezoelectric elements (2A-2F) extending concentrically. The elements have respective surfaces via which ultrasonic wave is transmitted and received. The surfaces of the elements (2A-2F) are concave and have predetermined radii of curvature (ra-rf) respectively. The radii of curvature increase as the elements are farther from an innermost place and closer to an outermost place.

IPC 1-7
B06B 1/06; **G10K 11/32**

IPC 8 full level
G01N 29/24 (2006.01); **A61B 8/00** (2006.01); **B06B 1/06** (2006.01); **G10K 11/32** (2006.01); **H04R 17/00** (2006.01)

CPC (source: EP)
B06B 1/0622 (2013.01); **G10K 11/32** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
DE FR GB

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EP 0373603 A2 19900620; **EP 0373603 A3 19911113**; **EP 0373603 B1 19950308**; DE 68921571 D1 19950413; DE 68921571 T2 19950803; JP H02159266 A 19900619

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