

Title (en)
Ultrasonic transducer

Title (de)
Ultraschallprüfkopf

Title (fr)
Transducteur à ultrason

Publication
EP 1074969 A3 20040303 (DE)

Application
EP 00115908 A 20000725

Priority
DE 19936678 A 19990804

Abstract (en)
[origin: EP1074969A2] The test head includes a transmitter which is an antenna array (1) and a receiver (2). The transmitter and receiver are separated from each other by an attenuating layer (3), and form an angle of no more than 5 degrees. The antenna array may be a composite resonator. The transmitter may be for longitudinal waves. The receiver may be a piezo oscillator, a composite material resonator or an antenna array receiver.

IPC 1-7
G10K 11/00

IPC 8 full level
G10K 11/00 (2006.01)

CPC (source: EP)
G10K 11/004 (2013.01)

Citation (search report)
• [A] US 3546924 A 19701215 - NUSSBAUM MARCEL, et al
• [A] WO 9410681 A1 19940511 - SIEMENS AG [DE], et al

Cited by
US11193522B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1074969 A2 20010207; EP 1074969 A3 20040303

DOCDB simple family (application)
EP 00115908 A 20000725