

Title (en)

METHOD FOR MAKING A MULTIELEMENT ACOUSTIC PROBE USING A METALLISED AND ABLATED POLYMER AS GROUND PLANE

Title (de)

HERSTELLUNGSVERFAHREN EINES SCHALLWANDLERS MIT MEHREREN ELEMENTEN UNTER VERWENDUNG VON EINER METALLISIERTEN UND TEILWEISE FÜR FLÄCHIGEN MASSENKONTAKT ABLATIERTEN POLYMERFOLIE

Title (fr)

PROCEDE DE FABRICATION D'UNE SONDE ACOUSTIQUE MULTIELEMENTS UTILISANT UN FILM POLYMERE METALLISE ET ABLATE COMME PLAN DE MASSE

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Application

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Abstract (en)

[origin: WO0249775A1] .The invention concerns a method for making an acoustic probe comprising single-unit piezoelectric transducers. The method comprising an original step, which consists in producing a ground plane consisting of a dielectric flexible film, covered with a conductive film. The dielectric flexible film is locally ablated to expose the conductive film. The thus ablated film serves as skin packaging and ground plane for the single-unit piezoelectric transducers. The invention is applicable to small-dimension endocardial echographic probes.

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