

Title (en)
TEST HEAD FOR TESTING A WORKPIECE HAVING AN ULTRASONIC TRANSDUCER ARRANGEMENT CONTAINING A PLURALITY OF TRANSDUCER ELEMENTS AND PROCESS FOR PRODUCING SUCH A TEST HEAD

Title (de)
PRÜFKOPF ZUM PRÜFEN EINES WERKSTÜCKES MIT EINER EINE MEHRZAHL VON WANDLERELEMENTEN ENTHALTENDEN ULTRASCHALLWANDLERANORDNUNG UND VERFAHREN ZUM HERSTELLEN EINES SOLCHEN PRÜFKOPFES

Title (fr)
PALPEUR DESTINÉ À CONTRÔLER UNE PIÈCE, MUNI D'UN ENSEMBLE DE TRANSDUCTEURS ULTRASONORES CONTENANT UNE PLURALITÉ D'ÉLÉMENTS TRANSDUCTEURS, ET PROCÉDÉ POUR FABRIQUER UN TEL PALPEUR

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Abstract (en)
[origin: WO2012116952A1] A test head (20) for testing a workpiece (18) having an ultrasonic transducer arrangement with a plurality of ultrasonic transducers (6) comprises: - a carrier (16) matched to a surface contour of the workpiece (18), - a damping layer (14) arranged on the carrier (16), and - a flexible conductor foil arrangement (1), which is arranged on the damping layer (14) and has a number of electrically separated conductor tracks (4) which corresponds to the number of transducer elements (6), on which the transducer elements (6) are arranged alongside one another in at least one row, and in each case are electrically contact-connected to one of the conductor tracks (4).

IPC 8 full level
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Citation (examination)
• WO 2007017780 A2 20070215 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
• EP 0346891 A2 19891220 - MATSUSHITA ELECTRIC IND CO LTD [JP]
• See also references of WO 2012116952A1

Designated contracting state (EPC)
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