

Title (en)

INDUCTIVE MEASURING TRANSDUCER FOR PATHS AND SYSTEM FOR MEASURING ANGLES

Title (de)

INDUKTIVER MESSUMFORMER FÜR WEGE UND ANORDNUNG ZUR MESSUNG VON WINKELN

Title (fr)

TRANSDUCTEUR DE MESURE INDUCTIF POUR TRAJETS ET DISPOSITIF DE MESURE DES ANGLES

Publication

EP 1042649 A1 20001011 (DE)

Application

EP 98966224 A 19981221

Priority

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- DE 19757689 A 19971223

Abstract (en)

[origin: DE19757689A1] The invention relates to an inductive measuring transducer for determining the position of a body which can be displaced in relation to an immovable housing. The invention is characterized in that the movable body comprises a measuring transducer which generates a magnetic alternating field extending across a limited area and in that said alternating field permeates at least one conductor loop which is connected to the housing and extends along the measuring length. The differential voltage between the forward and feedback lines is averaged by an electric circuit and fed to an output. Said inductive measuring transducer is used by a system for measuring angles between an immovable housing and a shaft.

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IPC 8 full level

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CPC (source: EP US)

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