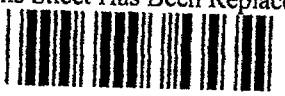
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ABSTRACT

TRANSDUCER WITH IMPROVED INDUCTIVE COUPLING

A thin film magnetic transducer formed in multiple layers and comprising a yoke having a plurality of arms, at least one of which has segments lying in separate layers and connected through a transition layer, and a multiturn coil intertwined with the yoke to provide at least two flux interactions between the yoke and coil. The transducer is constructed to enhance flux conduction by rotation and minimize flux conduction by wall motion in the yoke.