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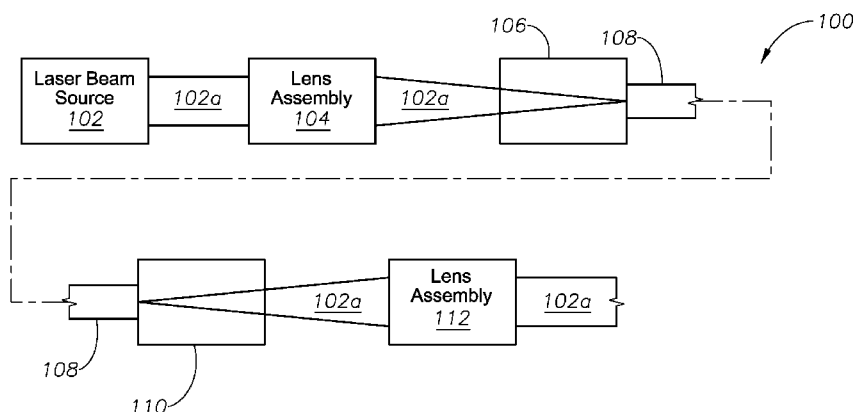


Fig. 1

(57) Abstract: A laser transmission system for laser machining of a workpiece (204). The laser transmission system comprises a source (102) coupled via a lens (104) and a transmissive block (106) to a transmission fibre (108). The fibre output is coupled via a further transmissive block (110) and a lens (112) onto the workpiece. Control of the system is possible due to an optical detection system (206) monitoring ultrasound waves generated on the workpiece.