LASER CLADDING TOOL HEAD AND TO-BE-PROCESSED SURFACE SENSING METHOD THEREFOR

Abstract

A laser cladding tool head and a to-be-processed surface sensing method therefor, which are used for a computer numerical control (CNC) processing machine (100). The laser cladding tool head (20) is also provided with a thermal temperature gauge sensing module (24) and a photographic lens sensing module (25), and is configured to sense temperature, brightness and shape of a molten pool during cladding operation and provide same to a computer numerical control unit (40) for feedback control, thereby further improving processing efficiency and quality of a workpiece.

Fig.6