

ABSTRACT

LASER MARKING METHOD

5 A method for marking a work piece by a laser beam at a pre-defined
location, the work piece being supported on a platform and having at least two
identification signs, the method comprises determining the compensating factor
for errors resulting from differences in the wavelengths of the laser beam used for
marking and the visible light used for detection, detecting an image of each of the
10 two identification signs to determine a position of the work piece relative to the
platform, generating a set of marking coordinates based on the pre-defined
location, the position of the work piece and the compensating factor, and directing
a laser beam onto the work piece at the set of marking coordinates to mark the
work piece.

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(Fig. 8)