

CRACK DETECTION METHOD

ABSTRACT OF THE DISCLOSURE

A crack detection method includes a crack forming step of applying a laser beam to a plate-shaped workpiece that has a first side and a second side opposite to the first side linearly from the first side with a focal point of the laser beam positioned inside the workpiece, the laser beam being of a wavelength having a transmitting property to the workpiece, to thereby form a modified layer inside the workpiece and further form a crack extending from the modified layer toward the second side, a coating material applying step of applying a coating material to the second side, and a crack detecting step of detecting the crack by searching for a portion where the coating material is linearly repelled.

[Fig. 3C]