

A SHEAROGRAPHY SYSTEM AND METHOD

ABSTRACT

A shearography system and method are provided. The system includes an optical imaging device and an acoustic transducer. The acoustic transducer includes an opening configured to be aligned with a region of interest on a sample. The acoustic transducer is configured to apply acoustic loading on the sample based on one or more parameters. The optical imaging device is configured to image the region of interest with and without the acoustic loading through the opening.

FIGURE 1