

Information on Search Strategy - Pilot phase (see OJ 2015, A86)

The type of information contained in this sheet may change during the pilot for improving the usefulness of this new service.

Application Number

PCT/US2018/053203

TITLE: SYSTEMS AND METHODS FOR MEASURING VARIOUS PROPERTIES OF AN OBJECT

APPLICANT: HEXAGON METROLOGY, INC.

IPC CLASSIFICATION: G01B21/04, G01B11/00, G01B7/008, G01B5/008, G01N29/265

EXAMINER: Braun, P

CONSULTED DATABASES: DOSYS, INET, WPI

CLASSIFICATION SYMBOLS DEFINING EXTENT OF THE SEARCH:

IPC:

CPC: G01B21/04, G01B11/005, G01B7/008, G01B5/008, G01N29/265

FI/F-TERMS:

KEYWORDS OR OTHER ELEMENTS FEATURING THE INVENTION:

Articulated-arm portable coordinate measuring machine uses two measurement probes such as a non-contact laser scanner for mapping the three dimensional surface of an object and an ultrasonic probe for measuring cracks below the object's surface. The device also comprises a display for indicating to a user the positions of the remaining measurements to be acquired.

articulated arm portable coordinate measuring machine (AACMM / PCMM)

three dimensions model

eddy current ultrasonic

spectral color hyperspectral

display guide indicate project augmented reality

operator technician user

cracks hardness roughness