

Title (en)
SYSTEMS AND METHODS FOR FABRICATED PART MEASUREMENT

Title (de)
SYSTEME UND VERFAHREN ZUR MESSUNG VON FERTIGTEILEN

Title (fr)
SYSTÈMES ET PROCÉDÉS DE MESURE DE PIÈCES FABRIQUÉES

Publication
EP 4402425 A1 20240724 (EN)

Application
EP 22785797 A 20220916

Priority
• US 202163245602 P 20210917
• US 202217572082 A 20220110
• IB 2022058750 W 20220916

Abstract (en)
[origin: WO2023042133A1] A system for measuring a length of a work piece including a leveling fixture disposed at a first end of the work piece and a range target disposed at a second end. The leveling fixture includes a precision stop abutting against the first end and range finders configured to be substantially aligned with the first end. The range target includes a target stop abutting against the second end and a vertical portion substantially aligned with the second end when the target stop abuts the second end. The range finders are each configured to take measurements between the range finders and the vertical portion of the range target so as to provide a measurement of the length of the work piece.

IPC 8 full level
G01B 11/02 (2006.01); **G01B 11/14** (2006.01); **G01B 21/02** (2006.01)

CPC (source: EP KR)
G01B 11/026 (2013.01 - EP KR); **G01B 11/14** (2013.01 - KR); **G01B 21/02** (2013.01 - EP KR); **G01B 11/14** (2013.01 - EP);
G01B 2210/42 (2013.01 - EP KR)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2023042133 A1 20230323; CA 3231583 A1 20230323; EP 4402425 A1 20240724; KR 20240058161 A 20240507;
MX 2024002912 A 20240327

DOCDB simple family (application)
IB 2022058750 W 20220916; CA 3231583 A 20220916; EP 22785797 A 20220916; KR 20247012082 A 20220916; MX 2024002912 A 20220916