

Title (en)  
METHOD AND MEASURING APPARATUS FOR MEASURING AN OBJECT OF A TRACK

Title (de)  
VERFAHREN UND MESSVORRICHTUNG ZUM VERMESSEN EINES OBJEKTS EINES GLEISES

Title (fr)  
PROCÉDÉ ET DISPOSITIF DE MESURE DESTINÉS À MESURER UN OBJET D'UNE VOIE FERRÉE

Publication  
**EP 4025868 A1 20220713 (DE)**

Application  
**EP 20754195 A 20200805**

Priority  
• AT 2872019 A 20190905  
• EP 2020071946 W 20200805

Abstract (en)  
[origin: WO2021043518A1] The invention relates to a method for measuring an object (1) of a track by means of a laser stripe sensor, in which a scanning line (6) is projected onto a surface (2) of the object (1) by means of a laser (3), and the surface (2) is recorded by means of a digital image recorder (4). According to the invention, the scanning line (6) is projected at periodically varied light intensity, wherein the image recorder (4) records a series (11) of images (12) and wherein image positions (P(x, y)) corresponding in the image series (11) are evaluated together by means of a detection device (13), in order to detect a reproduction of the scanning line (6). The projection of the scanning line (6) is distinguishable from reflections of other light sources by means of the periodically varied light intensity.

IPC 8 full level  
**G01B 11/25** (2006.01)

CPC (source: EP)  
**G01B 11/25** (2013.01); **G06T 7/0004** (2013.01); **G06T 7/521** (2016.12); **G06T 2207/30136** (2013.01)

Citation (search report)  
See references of WO 2021043518A1

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

DOCDB simple family (publication)  
**WO 2021043518 A1 20210311**; EP 4025868 A1 20220713

DOCDB simple family (application)  
**EP 2020071946 W 20200805**; EP 20754195 A 20200805