

Title (en)

OBJECT FOR PERFORMING AN ELECTRICAL MEASUREMENT ON A MEASUREMENT LAYER

Title (de)

GEGENSTAND ZUR DURCHFÜHRUNG EINER ELEKTRISCHEN MESSUNG AN EINER MESSSCHICHT

Title (fr)

OBJET POUR RÉALISER UNE MESURE ÉLECTRIQUE SUR UNE COUCHE DE MESURE

Publication

EP 4018170 A1 20220629 (DE)

Application

EP 20751524 A 20200804

Priority

- DE 102019122364 A 20190820
- EP 2020071879 W 20200804

Abstract (en)

[origin: WO2021032465A1] The invention relates to an object (50) for performing or at least for enabling an electrical measurement on a measurement layer, the object (50) comprising at least the following: - at least one measurement layer (10; 11, 12), which has a layer thickness (d), and - a plurality of electrical connectors (1, 2, 3, 4; 51, 52, 53, 54), which are connected to the at least one measurement layer (10; 11, 12) and/or are adjacent to the at least one measurement layer (10; 11, 12) and are used to determine the electrical resistance of the at least one measurement layer (10; 11, 12), wherein at least some of the electrical connectors (1, 2, 3, 4; 51, 52, 53, 54) are connected to different length portions of the at least one measurement layer (10; 11, 12) or are adjacent thereto, whereby a measurement for determining the electrical resistance of the at least one measurement layer (10; 11, 12) is performed or at least made possible in the direction of the layer thickness (d) of the measurement layer, and - wherein at least some of the electrical connectors (1, 2, 3, 4; 51, 52, 53, 54) are connected to different, preferably mutually opposing, surfaces of the at least one measurement layer (10; 11, 12) or are adjacent thereto, whereby a measurement for determining the electrical resistance of the at least one measurement layer (10; 11, 12) is performed or at least made possible in the direction transverse to the layer thickness (d) of the measurement layer.

IPC 8 full level

G01K 7/18 (2006.01); **G01K 7/21** (2006.01); **G01K 15/00** (2006.01)

CPC (source: EP US)

G01K 7/18 (2013.01 - EP US); **G01K 7/21** (2013.01 - EP US); **G01K 13/10** (2013.01 - US); **G01K 15/005** (2013.01 - EP US); **G01R 35/005** (2013.01 - US); **G01R 35/00** (2013.01 - US)

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 2021032465 A1 20210225; DE 102019122364 A1 20210225; EP 4018170 A1 20220629; US 2022299380 A1 20220922

DOCDB simple family (application)

EP 2020071879 W 20200804; DE 102019122364 A 20190820; EP 20751524 A 20200804; US 202017636494 A 20200804