

Title (en)  
MEASURING ARM WITH MULTI-FUNCTION END

Title (de)  
MESSARM MIT MULTIFUNKTIONELLEM ENDE

Title (fr)  
BRAS DE MESURE AVEC EXTREMITÉ MULTIFONCTION

Publication  
**EP 3818332 A1 20210512 (FR)**

Application  
**EP 19735327 A 20190704**

Priority  
• FR 1856257 A 20180706  
• EP 2019068018 W 20190704

Abstract (en)  
[origin: WO2020007992A1] Three-dimensional measuring device, comprising an arm which has a free end and is provided with an interface member (100) which bears a measuring member (500) and a gripping member (300) which allows an operator to point the measuring member at a region of the object to be measured. The interface member comprises a front face (104) to which at least one electrical connector (120) leads and from which a tubular piece (110) for connecting to the measuring member extends in a projecting manner, an annular gripping member (200) being engaged on the tubular connection piece and extending above the front surface and the electrical connector, a retention element (204) being mounted on the gripping member in order to cooperate with the tubular connection piece to hold the gripping member, which is applied against the front face of the interface member.

IPC 8 full level  
**G01B 21/04** (2006.01); **G01B 5/008** (2006.01); **G01B 5/012** (2006.01); **G01B 11/00** (2006.01)

CPC (source: EP US)  
**B25J 1/02** (2013.01 - US); **B25J 13/06** (2013.01 - US); **B25J 13/088** (2013.01 - US); **B25J 15/0019** (2013.01 - US); **G01B 5/008** (2013.01 - EP); **G01B 5/012** (2013.01 - EP); **G01B 7/012** (2013.01 - US); **G01B 11/005** (2013.01 - EP); **G01B 21/04** (2013.01 - EP); **G01B 21/047** (2013.01 - EP); **G01B 5/0004** (2013.01 - US)

Citation (search report)  
See references of WO 2020007992A1

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 2020007992 A1 20200109**; BR 112021000093 A2 20210330; CA 3105634 A1 20200109; CA 3105634 C 20230620; EP 3818332 A1 20210512; FR 3083605 A1 20200110; FR 3083605 B1 20200918; JP 2021529324 A 20211028; JP 7303866 B2 20230705; US 11883949 B2 20240130; US 2021122057 A1 20210429

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**EP 2019068018 W 20190704**; BR 112021000093 A 20190704; CA 3105634 A 20190704; EP 19735327 A 20190704; FR 1856257 A 20180706; JP 2021500199 A 20190704; US 202117142174 A 20210105