

Title (en)  
DEVICE FOR TESTING DUCTS

Title (de)  
VORRICHTUNG ZUM PRÜFEN VON LEITUNGEN

Title (fr)  
SYSTÈME DE CONTRÔLE DE CANALISATIONS

Publication  
**EP 2976614 A1 20160127 (DE)**

Application  
**EP 14792369 A 20140925**

Priority  
• AT 9112013 A 20131128  
• AT 2014000173 W 20140925

Abstract (en)  
[origin: WO2015077805A1] A device (1) for registering data and features of ducts comprises at least one camera (3, 5), at least one distance measurement apparatus and at least one apparatus for measuring properties of the medium contained in the duct. Furthermore, provision can be made for an illumination apparatus (4), a tracking sensor (10), which emits data in relation to the current position of the device (1), and an inclination measurement device (inclinometer and gyroscopic compass 9). The device can have a passive or active drive for moving the device (1) along the duct. The device (1) can register a length recording of the duct with the aid of photo geometry or with sound, radar, acceleration sensors and/or mechanical distance measurements. Thus, after a duct has been inspected, each point can be assigned precisely in terms of length.

IPC 8 full level  
**G01M 3/00** (2006.01); **F16L 55/30** (2006.01); **G01M 3/24** (2006.01)

CPC (source: AT EP US)  
**B63G 8/00** (2013.01 - AT); **F16L 55/32** (2013.01 - AT); **F16L 55/38** (2013.01 - AT); **F16L 55/48** (2013.01 - EP US);  
**G01M 3/005** (2013.01 - AT EP US); **G01M 3/246** (2013.01 - EP US); **G01N 21/954** (2013.01 - US); **B25J 5/00** (2013.01 - AT);  
**F16L 2101/30** (2013.01 - AT); **G01N 2021/9544** (2013.01 - US); **G06F 17/40** (2013.01 - AT)

Citation (search report)  
See references of WO 2015077805A1

Citation (examination)  
US 2005288819 A1 20051229 - DE GUZMAN NEIL [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 2015077805 A1 20150604**; AT 14204 U1 20150615; AU 2014354562 A1 20151210; AU 2014354562 B2 20161013;  
CA 2913939 A1 20150604; CA 2913939 C 20180703; EP 2976614 A1 20160127; EP 3118602 A1 20170118; US 2016069821 A1 20160310;  
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DOCDB simple family (application)  
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