

Title (en)

TUBE FOR A TRANSDUCER, TRANSDUCER COMPRISING SUCH A TUBE, AND MEASURING SYSTEM FORMED THEREWITH

Title (de)

ROHR FÜR EINEN MEßWANDLER, MEßWANDLER MIT EINEM SOLCHEN ROHR SOWIE DAMIT GEBILDETES MEßSYSTEM

Title (fr)

TUYAU POUR UN TRANSDUCTEUR, TRANSDUCTEUR COMPRENANT UN TUYAU DE CE TYPE ET SYSTÈME DE MESURE AINSI FORMÉ

Publication

**EP 3732388 A1 20201104 (DE)**

Application

**EP 18825592 A 20181210**

Priority

- DE 102017012067 A 20171229
- EP 2018084195 W 20181210

Abstract (en)

[origin: WO2019129480A1] The tube is used to conduct a fluid flowing through the tube in a specified flow direction and for this purpose comprises a tube wall (110), which encloses a lumen (100\*) of the tube, and an interference body (120), which is arranged within the tube but is nevertheless connected to the tube wall at an inner face of the tube wall facing the lumen. In the tube according to the invention, the tube wall has a maximum wall thickness (smax) of more than 1 mm and at least two mutually spaced sub-segments (100-1, 100-2) with a respective wall thickness (s110-1, s110-2) that deviates from said maximum wall thickness (smax), wherein the sub-segment (100-1) is positioned upstream of the interference body (120) in the flow direction, and the sub-segment (100-2) is positioned downstream of the sub-segment (100-1) in the flow direction.

IPC 8 full level

**F16L 41/00** (2006.01); **F16L 55/00** (2006.01); **F16L 55/07** (2006.01); **G01F 1/32** (2006.01); **G01F 1/36** (2006.01); **G01F 1/40** (2006.01); **G01F 1/42** (2006.01); **G01F 1/44** (2006.01); **G01F 1/88** (2006.01); **G01F 25/00** (2006.01)

CPC (source: EP US)

**F16L 41/008** (2013.01 - EP); **F16L 55/00** (2013.01 - EP); **F16L 55/07** (2013.01 - EP); **G01F 1/3209** (2013.01 - EP US); **G01F 1/3218** (2013.01 - EP); **G01F 1/3259** (2022.01 - EP); **G01F 1/40** (2013.01 - EP); **G01F 1/42** (2013.01 - EP); **G01F 15/18** (2013.01 - EP); **G01F 1/363** (2013.01 - EP)

Citation (search report)

See references of WO 2019129480A1

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)

**DE 102017012067 A1 20190704**; CN 111512083 A 20200807; CN 111512083 B 20220705; EP 3732388 A1 20201104; US 11441930 B2 20220913; US 2020340836 A1 20201029; WO 2019129480 A1 20190704

DOCDB simple family (application)

**DE 102017012067 A 20171229**; CN 201880082462 A 20181210; EP 18825592 A 20181210; EP 2018084195 W 20181210; US 201816958948 A 20181210