

Title (en)
PIG COMPRISING AN X-RAY FLUORESCENCE SENSOR

Title (de)
MOLCH UMFASSEND EINEN RÖNTGENFLUORESZENZSENSOR

Title (fr)
RACLEUR COMPRENANT UN CAPTEUR À FLUORESCENCE X

Publication
EP 3973278 A1 20220330 (DE)

Application
EP 20732498 A 20200520

Priority
• DE 102019113383 A 20190520
• EP 2020064187 W 20200520

Abstract (en)
[origin: CA3140961A1] A pig (2) for use in a pipeline (4) for determining the material of the pipeline in an in-line inspection, comprising a position determination unit (6) and at least one braking arrangement for securing the pig at a determined position in the pipeline, the pig having an X-ray fluorescence sensor (10).

IPC 8 full level
G01N 23/223 (2006.01); **B08B 9/04** (2006.01); **F16J 15/46** (2006.01); **F16L 55/32** (2006.01); **F16L 55/38** (2006.01); **F16L 55/48** (2006.01); **G01N 21/62** (2006.01); **G01N 21/73** (2006.01); **F16L 101/12** (2006.01); **F16L 101/30** (2006.01)

CPC (source: EP US)
B08B 9/0551 (2013.01 - EP US); **B08B 9/0557** (2013.01 - EP US); **F16J 15/46** (2013.01 - EP); **F16L 55/32** (2013.01 - US); **F16L 55/38** (2013.01 - US); **F16L 55/48** (2013.01 - US); **G01N 23/223** (2013.01 - EP US); **F16L 55/32** (2013.01 - EP); **F16L 55/38** (2013.01 - EP); **F16L 55/48** (2013.01 - EP); **F16L 2101/12** (2013.01 - EP US); **F16L 2101/30** (2013.01 - EP US); **G01N 2223/3303** (2013.01 - EP US); **G01N 2223/628** (2013.01 - EP)

Citation (search report)
See references of WO 2020234412A1

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 102019113383 A1 20201126; CA 3140961 A1 20201126; EP 3973278 A1 20220330; US 2022317070 A1 20221006; WO 2020234412 A1 20201126

DOCDB simple family (application)
DE 102019113383 A 20190520; CA 3140961 A 20200520; EP 2020064187 W 20200520; EP 20732498 A 20200520; US 202017613422 A 20200520