

Title (en)
WEAR SENSOR FOR A PIPE GUIDE

Title (de)
VERSCHLEISSSENSOR FÜR EINE ROHRFÜHRUNG

Title (fr)
CAPTEUR D'USURE POUR TUYAU DE GUIDAGE

Publication
EP 3286404 B1 20190904 (EN)

Application
EP 16783561 A 20160331

Priority
• US 201514692493 A 20150421
• US 2016025108 W 20160331

Abstract (en)
[origin: WO2016171858A1] The present disclosure relates to a system and a method to grip a tubular member and sense wear for a pipe handling apparatus. The system includes a pipe handling apparatus having a bore formed therein with an axis defined therethrough, a pipe guide disposed adjacent to an opening of the bore of the pipe handling apparatus, and a wear sensor coupled to the pipe guide.

IPC 8 full level
E21B 19/02 (2006.01); **E21B 19/06** (2006.01); **E21B 19/10** (2006.01); **E21B 19/24** (2006.01); **E21B 41/00** (2006.01)

CPC (source: EP US)
E21B 19/10 (2013.01 - EP US); **E21B 19/24** (2013.01 - EP)

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

DOCDB simple family (publication)
WO 2016171858 A1 20161027; **WO 2016171858 A8 20171214**; AU 2016251538 A1 20171026; AU 2016251538 B2 20181213; AU 2019201655 A1 20190404; AU 2019201655 B2 20200910; BR 112017022716 A2 20180717; CA 2981506 A1 20161027; EP 3286404 A1 20180228; EP 3286404 A4 20181205; EP 3286404 B1 20190904; MX 2017013518 A 20180522

DOCDB simple family (application)
US 2016025108 W 20160331; AU 2016251538 A 20160331; AU 2019201655 A 20190311; BR 112017022716 A 20160331; CA 2981506 A 20160331; EP 16783561 A 20160331; MX 2017013518 A 20160331