

Title (en)
APPARATUS AND METHODS FOR MEASUREMENT OF PRESSURE

Title (de)
DRUCKMESSVORRICHTUNG UND -VERFAHREN

Title (fr)
APPAREIL ET PROCÉDÉS PERMETTANT LA MESURE DE LA PRESSION

Publication
EP 3004831 A4 20161012 (EN)

Application
EP 14808392 A 20140606

Priority

- US 201361831846 P 20130606
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- US 201361868293 P 20130821
- US 201429481735 F 20140210
- US 2014041220 W 20140606

Abstract (en)
[origin: WO2014197760A1] A strapping device for a pipe and methods of using the strapping device to non-invasively detect pressure inside the pipe and the residual stress exerted on the pipe. The strapping device includes a linked or a solid band adapted to be fitted around an outside diameter of the pipe. The strapping device further includes a sensor for measuring at least one of a change in the outside diameter of the pipe due to a corresponding change in pressure inside the pipe and to detect the stress or strain transferred from the pipe. The measurements can be conveniently processed in a circuit board coupled to the strapping device or in a remote location. The measurements can be transmitted through wires or digitally transmitted to the circuit board.

IPC 8 full level
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Citation (search report)

- [X] US 4573359 A 19860304 - CARSTENSEN KENNETH J [US]
- [X] US 4290311 A 19810922 - BREWER GIVEN A
- [X] GB 2454220 A 20090506 - SCHLUMBERGER HOLDINGS [VG]
- See references of WO 2014197760A1

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

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