

Title (en)
DIFFERENTIAL PRESSURE TRANSMITTER WITH INTRINSIC VERIFICATION

Title (de)
DIFFERENZDRUCKÜBERTRÄGER MIT INTRINSISCHER ÜBERPRÜFUNG

Title (fr)
TRANSMETTEUR DE PRESSION DIFFÉRENTIELLE AYANT UNE VÉRIFICATION INTRINSÈQUE

Publication
EP 3861312 A1 20210811 (EN)

Application
EP 19794311 A 20191004

Priority
• US 201816152969 A 20181005
• US 2019054710 W 20191004

Abstract (en)
[origin: WO2020072911A1] Methods of compensating for undesired influences in a pressure transmitter wherein the pressure transmitter comprises a body for housing a low-pressure sensor and a high-pressure sensor each of which is in fluid communication with a port and in further fluid communication with each other through a connector tube containing a fill fluid. Various embodiments of the compensation process use one of the high-pressure and the low-pressure sensor as a common reference, compensating for changes in calibration, such as changes in the effective areas or spring rates of the non-reference sensor.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
See references of WO 2020072911A1

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