

Title (en)

SYSTEM AND METHOD FOR CORROSION AND EROSION MONITORING OF PIPES AND VESSELS

Title (de)

SYSTEM UND VERFAHREN ZUR KORROSIONS- UND EROSIONSÜBERWACHUNG VON ROHREN UND BEHÄLTERN

Title (fr)

SYSTÈME ET PROCÉDÉ DE SURVEILLANCE DE CORROSION ET D'ÉROSION DE TUYAUX ET DE CUVES

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Application

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Abstract (en)

[origin: WO2022125059A1] This disclosure relates to the field of corrosion and erosion monitoring of pipes and vessels. More specifically, this disclosure relates to a system and method for corrosion and erosion monitoring of pipes and vessels, where the system/method combines ultrasonic thickness monitoring using longitudinal waves with ultrasonic area monitoring using one or more guided waves, whereby representative thickness measurements are complemented by an area monitoring feature to detect localized corrosion/erosion in between representative thickness measurement locations. In another embodiment, a system and method for optimized asset health monitoring that includes an analytics solution is disclosed.

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