

Title (en)

SYSTEMS AND METHODS FOR MEASUREMENT AND ANALYSIS OF PIPELINE CONTAMINANTS

Title (de)

SYSTEME UND VERFAHREN ZUR MESSUNG UND ANALYSE VON PIPELINE-VERUNREINIGUNGEN

Title (fr)

SYSTEMES ET PROCEDES DE MESURE ET D'ANALYSE DE CONTAMINANTS DE PIPELINE

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Application

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Abstract (en)

[origin: WO2008082377A1] A system for measurement and analysis of pipeline contaminants is provided. The system includes a first assembly for engaging a pipeline from which a first fluid flow sample may be isokinetically collected for measurement of aerosol contaminants. The system also includes a second assembly for engaging the pipeline from which a second fluid flow sample may be collected for chromatographic analysis of the aerosol contaminants. The system may further include a third assembly for engaging the pipeline from which a fluid flow sample may be obtained for measurement of solid contaminants. Information on aerosol contaminants and solid contaminants can subsequently be used to select an appropriate extraction technology to control the presence of aerosol and solid contaminants within the pipeline. Information from the chromatographic analysis, on the other hand, may be used to identify the origin of the aerosol contaminants, so that corrective measures can be implemented to minimize the presence of aerosol contaminants within the pipeline. A method for measurement and analysis of pipeline contaminants is also provided.

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