Title (en)

METHOD FOR DETECTING THE PRESENCE OF GAS HYDRATE IN A PIPE INTENDED FOR TRANSPORTING HYDROCARBON FLUID

Title (de)

VERFAHREN ZUM NACHWEIS DER ANWESENHEIT VON GASHYDRAT IN EINEM ZUM TRANSPORT VON KOHLENWASSERSTOFFFLUID BESTIMMTEN ROHR

Title (fr)

PROCÉDÉ DE DÉTECTION DE LA PRÉSENCE D'HYDRATE DE GAZ DANS UNE CONDUITE DESTINÉE AU TRANSPORT DE FLUIDE D'HYDROCARBURE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2019122718A1] The invention concerns a method for detecting the presence of a hydrate plug (16) in a pipe (12) for transporting hydrocarbon fluid, comprising a continuous monitoring over time of the change of the temperature of the transported fluid along a portion (29) of pipe and a comparison between, on the one hand, the local change with time of the temperature along a particular zone of the portion (29) of pipe and, on the other hand, the overall change with time of the temperature along the portion of pipe, so as to identify the zones for which the local change with time of the temperature is significantly different from the overall change with time of the temperature, but also for which this difference meets specific criteria making it possible to deduce the presence of a hydrate plug at the local level.

IPC 8 full level

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