

Title (en)

FLUID TRANSMISSION CONTROL SYSTEM AND METHOD

Title (de)

SYSTEM UND VERFAHREN ZUR FLUIDÜBERTRAGUNGSSTEUERUNG

Title (fr)

SYSTÈME ET PROCÉDÉ DE COMMANDE DE TRANSMISSION DE FLUIDE

Publication

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Application

EP 09801525 A 20091216

Priority

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- GB 0823170 A 20081218

Abstract (en)

[origin: WO2010070279A1] Embodiments of the invention are concerned with a fluid transmission control system arranged to control the transmission of fluid through a fluid transmission network. The fluid transmission network comprises a plurality of fluid sources, a fluid processing plant, and a plurality of upstream pipelines located upstream of the fluid processing plant, one or more of the upstream pipelines having a first end connectable to a fluid source and one or more of the upstream pipelines having a second end connectable to an input of the fluid processing plant. The fluid transmission control system comprises measurement means for measuring one or more characteristics of fluid output from one or more of the plurality of fluid sources, prediction means for predicting, on the basis of the one or more measured characteristics, characteristics of the fluid at the second ends of the plurality of upstream pipelines, and processing determining means arranged to receive data regarding predicted characteristics of the fluid at the second ends of said plurality of upstream pipelines and to determine whether the fluid is suitable for processing by the fluid processing plant. A corresponding fluid transmission control method is also provided. By analysing the nature of the fluid before it is supplied to a fluid processing plant, a determination can be made as to whether or not the fluid processing should be carried out on the fluid.

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