

Title (en)

Method and apparatus for optimising the transport of multiphase flows by pumping

Title (de)

Verfahren und Vorrichtung für die Optimierung des Transports einer Mehrphasenflüssigkeit durch Pumpen

Title (fr)

Procédé et dispositif permettant d'optimiser le transfert par pompage d'effluents polyphasiques

Publication

**EP 0549439 B1 19960313 (FR)**

Application

**EP 92403475 A 19921218**

Priority

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- FR 9205617 A 19920505

Abstract (en)

[origin: EP0549439A1] The transfer of effluents consisting of at least one gaseous phase and at least one liquid phase by pumping in a transfer pipe connecting an effluent source is optimised by interposing in the pipe between the source and the destination location, a polyphase pump and the rotational speed of the pump is adjusted so as to adapt the output of the latter to at least one of the following parameters: the variation in output from the well, the variation in the volumetric ratio GLR or variations in head losses arising in the pipe during transfer. The values of the parameters are monitored and if necessary these values are returned to values which are compatible with the operation of the pump. <IMAGE>

IPC 1-7

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Cited by

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