

Title (en)
METHOD AND DEVICE FOR CONTROLLING AND/OR REGULATING A FLUID CONVEYER FOR CONVEYING A FLUID WITHIN A FLUID LINE

Title (de)
VERFAHREN UND VORRICHTUNG ZUM STEUERN BZW. REGELN EINES FLUIDFÖRDERERS ZUM FÖRDERN EINES FLUIDES INNERHALB EINER FLUIDLEITUNG

Title (fr)
PROCÉDÉ ET DISPOSITIF DE COMMANDE OU DE RÉGULATION D'UN CIRCULATEUR DE FLUIDE POUR LA CIRCULATION D'UN FLUIDE À L'INTÉRIEUR D'UNE CONDUITE DE FLUIDE

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Application
EP 12740093 A 20120711

Priority
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• EP 2012063543 W 20120711

Abstract (en)
[origin: CA2842914A1] Described is a method for controlling/regulating a fluid conveyer (112) for conveying a fluid (118) within a fluid line (114, 116), wherein the method has the steps: receiving information (128) regarding a setpoint flow rate of the fluid within the fluid line; determining an energy consumption of the fluid conveyer during operation within a working range (240) of the fluid conveyer; controlling the fluid conveyer (112), with regard to a generated flow of the fluid (118), on the basis of the information (128) regarding the setpoint flow rate of the fluid (118) within the fluid line (114, 116) in such a way that the setpoint flow rate of the fluid is attained and the energy consumption required for this is minimized, wherein it is taken into consideration that the working range (240) of the fluid conveyer is bounded by a non-linear boundary (246, 248, 250, 252). Also described is a corresponding device.

IPC 8 full level
F04B 49/06 (2006.01)

CPC (source: EP RU)
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Citation (search report)
See references of WO 2013013974A2

Citation (examination)
• WO 9945276 A1 19990910 - EBARA CORP [JP], et al
• US 2007154319 A1 20070705 - STILES ROBERT W JR [US], et al

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