

Title (en)

FLUID CONVEYOR DEVICE AND FLUID CONVEYOR METHOD FOR MEDICAL USES

Title (de)

FLUIDFÖRDERVORRICHTUNG UND FLUIDFÖRDERVERFAHREN FÜR MEDIZINISCHE ANWENDUNGEN

Title (fr)

DISPOSITIF ET PROCÉDÉ DE TRANSPORT DE FLUIDES POUR APPLICATIONS MÉDICALES

Publication

EP 2833943 A1 20150211 (DE)

Application

EP 13719419 A 20130402

Priority

- DE 102012102850 A 20120402
- EP 2013056905 W 20130402

Abstract (en)

[origin: WO2013150006A1] The invention relates to a fluid conveyor method and a fluid conveyor device for medical use, comprising at least one fluid source (1), at least one fluid sink (2), at least one fluid conduit (3) through which at least one fluid (4) can be guided from the at least one fluid source (1) to the at least one fluid sink (2), at least one fluid flow influence device (5) by means of which the fluid flow (6) in the at least one fluid conduit (3) can be influenced, at least one sensor device (7) for measuring at least one measurement variable (8) in order to describe a physical and/or chemical property or condition variable of the fluid, and an evaluation device (11) by means of which at least four values can be determined from a plurality of measurement values of the measurement variable (8), from which four values a sensor signal path (15) can be determined. At least one condition, which is defined by at least one polynomial family (28), can be assigned to the sensor signal path. The evaluation device (11) identifies at least one polynomial (27) from the polynomial family (28), which polynomial describes the sensor signal path.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2013150006A1

Citation (third parties)

Third party :

- WO 2013056905 A1 20130425 - ZAHNRADFABRIK FRIEDRICHSHAFEN [DE], et al
- US 2007066940 A1 20070322 - KARUNARATNE ARJUNA [US], et al
- US 2006184154 A1 20060817 - MOBERG SHELDON B [US], et al
- DE 19840992 A1 20000309 - DISETRONIC LICENSING AG [CH]
- US 2002162402 A1 20021107 - HENYAN OAKLEY [US]

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