

Title (en)

A SYSTEM FOR REAL-TIME MONITORING OF PROTEIN AND EXCIPIENTS

Title (de)

SYSTEM ZUR ECHTZEITÜBERWACHUNG VON PROTEIN UND HILFSSTOFFEN

Title (fr)

SYSTÈME DE SURVEILLANCE EN TEMPS RÉEL D'UNE PROTÉINE ET D'EXCIPIENTS

Publication

EP 4111208 A4 20240410 (EN)

Application

EP 21760637 A 20210224

Priority

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- IN 2021050176 W 20210224

Abstract (en)

[origin: WO2021171310A1] In an example, a system (100) for real-time monitoring of a protein and excipients during formulation of drugs with monoclonal antibodies, comprises a first reservoir (102) with a solution with the protein and the excipients; a first pump (104) coupled to the first reservoir (102) to pass from through a membrane; a first pressure transmitter (108) coupled to an output from the membrane to direct a retentate solution to the first reservoir (102); a second reservoir (110) with a diafiltration buffer solution; a second pump (112) coupled to the second reservoir (110) to pump the diafiltration buffer solution from the second reservoir (110) into the first reservoir (102); and a spectroscopic probe (114) dipped in the first reservoir (102) to continuously acquire the wavelength spectra to monitor the formulation of the protein and the excipients during the formulation.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- See also references of WO 2021171310A1

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