

Title (en)  
APPARATUS AND METHOD FOR MONITORING AND CONTROLLING THE FILLING OF A CONTAINER WITH A PHARMACEUTICAL FLUID IN AN ASEPTIC ENVIRONMENT

Title (de)  
VORRICHTUNG UND VERFAHREN ZUR ÜBERWACHUNG UND STEUERUNG DER BEFÜLLUNG EINES BEHÄLTERS MIT EINER PHARMAZEUTISCHEN FLÜSSIGKEIT IN EINER ASEPTISCHEN UMGEBUNG

Title (fr)  
APPAREIL ET PROCÉDÉ DE SURVEILLANCE ET DE COMMANDE DU REMPLISSAGE DE RÉCIPIENT RENFERMANT UN FLUIDE PHARMACEUTIQUE DANS UN ENVIRONNEMENT ASEPTIQUE

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Application  
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Abstract (en)  
[origin: WO2019071339A1] The present invention involves a system and method for monitoring and controlling the aseptic dispensing of a pharmaceutical fluid into containers (510). The system (1000) employs a pharmaceutical fluid dispensing head (174, 174') to dispense droplets (700) of the pharmaceutical fluid along a droplet path (710) into the container and a droplet monitoring system (250, 250') to monitor the droplets produced and dispensed. The volume of at least one droplet is determined based on images of the droplet falling along the droplet path. The volume of pharmaceutical fluid dispensed is determined from the volume of the droplets. The pharmaceutical fluid dispensing head and the droplet monitoring system may be mutually integrated and may be used in systems using different mechanisms for moving containers, including rotary stage systems (130) and robotic arms (170', 170", 800).

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