

Title (en)  
SYSTEM AND METHOD FOR AUTOMATED CANNULATION

Title (de)  
SYSTEM UND VERFAHREN ZUR AUTOMATISIERTEN KANÜLIERUNG

Title (fr)  
SYSTÈME ET PROCÉDÉ POUR L'INTRODUCTION AUTOMATISÉE D'UNE CANULE

Publication  
**EP 3573550 A1 20191204 (DE)**

Application  
**EP 18702267 A 20180129**

Priority  
• DE 102017201437 A 20170130  
• EP 2018052148 W 20180129

Abstract (en)  
[origin: WO2018138343A1] The invention relates to a system (100) for the data-dependent automated cannulation of the blood vessels of patients, in particular for hemodialysis, having: at least one cannulation machine (1), which is designed to cannulate the blood vessels of patients in an automated manner, a control system (50, 51), which has at least one data-processing device and which is designed to carry out a control method, which controls the at least one cannulation machine in accordance with program parameters, at least one user interface device (80), by means of which user input is enabled, by means of which a patient logs into the control system (50, 51), wherein, as a consequence of this log-in, a patient identification individually assigned to the logged-in patient is used by the control system, which patient identification is referred to as the logged-in patient identification, and wherein the control system is designed to define the program parameters in accordance with the logged-in patient identification and to control the at least one cannulation machine (1) in accordance with the logged-in patient identification. The invention further relates to a corresponding method.

IPC 8 full level  
**A61B 17/34** (2006.01); **A61B 34/32** (2016.01); **A61M 1/14** (2006.01); **A61M 5/20** (2006.01)

CPC (source: EP US)  
**A61B 5/0082** (2013.01 - US); **A61B 5/02007** (2013.01 - US); **A61B 5/489** (2013.01 - EP US); **A61B 6/504** (2013.01 - US); **A61B 8/0891** (2013.01 - US); **A61B 17/3403** (2013.01 - EP); **A61B 34/32** (2016.02 - EP); **A61M 1/3661** (2014.02 - US); **A61M 25/0116** (2013.01 - US); **A61B 5/02007** (2013.01 - EP); **A61B 5/1172** (2013.01 - EP US); **A61B 5/1176** (2013.01 - EP US); **A61B 2017/3409** (2013.01 - EP); **A61B 2017/3413** (2013.01 - EP); **A61B 2034/301** (2016.02 - US); **A61M 1/3653** (2013.01 - EP); **A61M 5/3287** (2013.01 - EP); **A61M 5/427** (2013.01 - EP); **A61M 5/52** (2013.01 - EP); **A61M 2005/1585** (2013.01 - EP); **A61M 2005/1588** (2013.01 - EP); **A61M 2205/502** (2013.01 - US); **A61M 2205/52** (2013.01 - US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2018138343 A1 20180802**; CN 110267609 A 20190920; CN 110267609 B 20230428; DE 102017201437 A1 20180802; EP 3573550 A1 20191204; JP 2020505170 A 20200220; JP 7219221 B2 20230207; US 2020338309 A1 20201029

DOCDB simple family (application)  
**EP 2018052148 W 20180129**; CN 201880009323 A 20180129; DE 102017201437 A 20170130; EP 18702267 A 20180129; JP 2019541195 A 20180129; US 201816479608 A 20180129