

Title (en)
KINKLESS INFUSION SET FOR MEDICAL USE

Title (de)
KNICKLOSES INFUSIONSSET ZUR MEDIZINISCHEN VERWENDUNG

Title (fr)
ENSEMBLE DE PERFUSION SANS FIL À USAGE MÉDICAL

Publication
EP 3893965 A4 20220831 (EN)

Application
EP 19895230 A 20191214

Priority
• US 201862780231 P 20181215
• US 2019066412 W 20191214

Abstract (en)
[origin: WO2020124058A1] Briefly, a kinkless infusion set has a setting control that engages a curved or helical cannula to simultaneously rotate the helical cannula as the helical cannula is moved toward a patients skin and then under the patient's skin to position the curved or helical cannula to a desired depth and position. In one example, the helical cannula is set between 3 mm and 5 mm under the patient's skin. Also, the curved or helical cannula may have side ports to allow medicine to be presented over a larger area for more effective therapeutic treatment. In some constructions the patient rotates the setting control, and in other cases the patient may push, pull or translate the setting control.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
• [XAI] US 2018280608 A1 20181004 - GILLET DAVID S [US], et al
• [XAI] US 2013253532 A1 20130926 - FUEGLISTER FABIAN HERMANN URBAN [CH]
• [A] CN 101631585 B 20131016 - MEDTRONIC MINIMED INC
• [A] US 2016213840 A1 20160728 - SCHABBACH MICHAEL [DE], et al
• [A] US 2016213838 A1 20160728 - SCHABBACH MICHAEL [DE], et al
• See references of WO 2020124058A1

Designated contracting state (EPC)
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