

Title (en)
HAND CONTROLLER APPARATUS IN A ROBOTIC SURGERY SYSTEM

Title (de)
HANDSTEUERGERÄTEVORRICHTUNG IN EINEM ROBOTISCHEN CHIRURGISCHEN SYSTEM

Title (fr)
APPAREIL DE COMMANDE MANUELLE DANS UN SYSTÈME DE CHIRURGIE ROBOTIQUE

Publication
EP 3840682 A4 20211020 (EN)

Application
EP 19877560 A 20191025

Priority

- US 201816174602 A 20181030
- US 201816174620 A 20181030
- US 201816174646 A 20181030
- US 201816174649 A 20181030
- US 201916514782 A 20190717
- US 2019058170 W 20191025

Abstract (en)
[origin: CA3109376A1] In some embodiments, a hand controller apparatus for controlling a tool in a robotic surgery system can include a body including a proximal end and a distally located interface end configured to be coupled to an input apparatus configured to control a surgical tool. The hand controller apparatus can include a feedback device supported by the body and configured to provide feedback to a user in response to a change in a function of the hand controller apparatus from a first mode to a second mode, the second mode different from the first mode. The function can include at least one: controlling a camera that images a surgical site, instrument clutching to reposition the hand controller apparatus, a pre-set surgery routine, or an operation to control the surgical tool. The change from the first mode to the second mode can be configured to occur within the same function.

IPC 8 full level
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Citation (search report)

- [XYI] WO 2015163943 A1 20151029 - COVIDIEN LP [US]
- [Y] WO 2018013197 A1 20180118 - INTUITIVE SURGICAL OPERATIONS [US]
- [A] US 2017225337 A1 20170810 - SCHAIBLE UWE [CA], et al
- See also references of WO 2020092172A1

Designated contracting state (EPC)
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