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(54) Title (EN): RESTRICTED USAGE FEATURES FOR SURGICAL INSTRUMENT

(54) Title (FR): CARACTÉRISTIQUES D'UTILISATION RESTREINTES POUR INSTRUMENT CHIRURGICAL

(57) Abstract:

(EN): Systems, devices and methods for managing surgical instruments throughout their lifecycle include disabling a usage based device lockout and providing notifications for devices nearing a usage based lockout. A device adaptor connected inline between a surgical instrument and a power source can be configured to alter a device EEPROM to allow for additional device usage despite a usage based lockout. Notifications and user prompts may be displayed requiring a user to acknowledge that a usage based device lockout has occurred in order to avoid an attempt to use an expired device in a future procedure.

(FR): La présente invention concerne des systèmes, des dispositifs et des procédés pour gérer des instruments chirurgicaux tout au long de leur cycle de vie qui comprennent la désactivation d'un verrouillage de dispositif à base d'utilisation et la fourniture de notifications pour des dispositifs approchant un verrouillage à base d'utilisation. Un adaptateur de dispositif connecté en ligne entre un instrument chirurgical et une source d'alimentation peut être configuré pour modifier un dispositif EEPROM afin de permettre l'utilisation additionnelle du dispositif malgré un verrouillage à base d'utilisation. Des notifications et des invites d'utilisateur peuvent être affichées, demandant à un utilisateur d'accuser réception du fait qu'un verrouillage de dispositif d'utilisation est survenu afin d'éviter une tentative d'utilisation d'un dispositif expiré dans une procédure future.

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Declarations:

Declaration made as applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate

Declaration made as applicant's entitlement, as at the international filing date, to claim the priority of the earlier application, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii))