

**Information on Search Strategy - Pilot phase (see OJ 2015, A86)**

The type of information contained in this sheet may change during the pilot for improving the usefulness of this new service.

Application Number

PCT/US2016/062003

TITLE:

APPLICANT: ETHICON ENDO-SURGERY, LLC

IPC CLASSIFICATION: A61B17/32, A61B18/12, A61B90/00

EXAMINER: Ioanovici, T

CONSULTED DATABASES: WPI, EPODOC

CLASSIFICATION SYMBOLS DEFINING EXTENT OF THE SEARCH:

IPC:

CPC: A61B17/320068, A61B2090/0803, A61B18/1206, A61B18/1233

FI/F-TERMS:

KEYWORDS OR OTHER ELEMENTS FEATURING THE INVENTION:

Ultrasonic surgical instrument with built in safety features for limiting the number of uses. Increased compatibility between the generator and different instruments because of adaptor. The generator detects if the instruments has uses left when connected and an intermediary adaptor component with an override chip may be used to reprogram the surgical instrument EEPROM memory for adding additional device uses. The reprogramming of the instrument internal memory with the adaptor chip reduces the detectable usage of the instrument as perceived by the generator. The generator can further comprise a display for providing notifications to the user concerning the number of uses left for the connected instrument. If no uses are left for the instruments the user is informed and he has to acknowledge the information by pressing on the display. The adaptor override chip can have an internal override counter for limiting the number of resets and can store instrument identification information.