

Title (en)
LIMITING THE USE FREQUENCY OF ELECTROMEDICAL PRODUCTS

Title (de)
SICHERSTELLUNG DER GEBRAUCHSHÄUFIGKEIT VON ELEKTROMEDIZINPRODUKTEN

Title (fr)
CONTROLE DE LA FREQUENCE D'UTILISATION DE PRODUITS ELECTROMEDICAUX

Publication
EP 1397084 A1 20040317 (DE)

Application
EP 02747324 A 20020524

Priority
• DE 10126950 A 20010601
• EP 0205766 W 20020524

Abstract (en)
[origin: DE10126950A1] The invention relates to electrically operated medical products, which are electrically operated by switching on or in connection with an electrical power source, comprising a reuse locking device that is connected to the power source. Said locking device is configured in such a way that, during the first electrical operation of the medical product, the reuse locking device is initialized in such a way and its state is modified so that said medical product can only be operated as long as the surgical instrument is connected to the power source or the power source is switched on. The reuse locking device prevents further use of the medical product or only allows a number of use cycles that is predetermined by the manufacturer once the medical product has been disconnected from the power source.
[origin: DE10126950A1] Electrically operated medical product for use in and on patients has a re-use block that is initiated on first use of the device and enables connection of a power supply. The block is based on a resistance element that can be destroyed to prevent further use of the medical device and prevents use of medical device more times than is safe.

IPC 1-7
A61B 18/14; **A61B 18/12**

IPC 8 full level
A61N 1/08 (2006.01); **A61B 18/12** (2006.01); **A61B 18/14** (2006.01); **A61B 18/00** (2006.01)

CPC (source: EP US)
A61B 18/12 (2013.01 - EP US); **A61B 18/1206** (2013.01 - EP US); **A61B 18/14** (2013.01 - EP US); **A61B 2018/00178** (2013.01 - EP US); **A61B 2018/0066** (2013.01 - EP US); **A61B 2018/00988** (2013.01 - EP US)

Citation (search report)
See references of WO 02098311A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
DE 10126950 A1 20021212; CN 1525840 A 20040901; EP 1397084 A1 20040317; JP 2004527358 A 20040909; US 2004110428 A1 20040610; US 2005239349 A9 20051027; WO 02098311 A1 20021212

DOCDB simple family (application)
DE 10126950 A 20010601; CN 02811153 A 20020524; EP 0205766 W 20020524; EP 02747324 A 20020524; JP 2003501357 A 20020524; US 72632503 A 20031201