

Title (en)

MACHINE FOR TREATING A MEDICAL APPARATUS

Title (de)

MASCHINE ZUR BEHANDLUNG EINER MEDIZINISCHEN VORRICHTUNG

Title (fr)

MACHINE DE TRAITEMENT D'UN APPAREIL MEDICAL

Publication

EP 2718032 A1 20140416 (FR)

Application

EP 12728972 A 20120605

Priority

- FR 1101734 A 20110606
- EP 2012002383 W 20120605

Abstract (en)

[origin: WO2012167911A1] The invention relates to a machine for treating a medical apparatus (2) comprising inner portions and outer portions, such as a flexible endoscope, wherein said machine comprises a hollow vessel (3) for receiving said medical apparatus (2), a first treatment system (4) for treating the inner portions of the medical apparatus (2), and a second treatment system for treating the outer portions of the medical apparatus (2), characterized in that: said first treatment system includes a means for connecting at least one end piece of the medical apparatus in order to enable a treatment liquid to circulate in the inner portion thereof, preferably a means for connecting the various end pieces of the medical apparatus (2), in order to establish the sealed circulation of the treatment liquid, and in that the second treatment system includes: at least one spray nozzle (6) capable of receiving at least one pressurized treatment liquid and of forcibly spraying said treatment liquid into the space of the vessel (3) in order to treat the outer portions of the medical apparatus (2) and the inner surfaces of the vessel (2) by spraying while creating a mechanical effect and a chemical effect; and at least one means for at least partially filling the vessel (3) with at least one treatment liquid in order to treat the outer portions of the medical apparatus and the inner surfaces of the vessel (3) by at least partial immersion. The invention also relates to a method for using said treatment machine.

IPC 8 full level

B08B 9/023 (2006.01); **A61B 90/70** (2016.01); **A61L 2/18** (2006.01); **B05B 1/20** (2006.01)

CPC (source: EP US)

A61B 90/70 (2016.02 - EP US); **B08B 9/023** (2013.01 - EP US); **A61B 2090/701** (2016.02 - EP US); **B05B 1/20** (2013.01 - EP US)

Citation (search report)

See references of WO 2012167911A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

FR 2975914 A1 20121207; **FR 2975914 B1 20140711**; EP 2718032 A1 20140416; US 10463448 B2 20191105; US 10874478 B2 20201229; US 2014182629 A1 20140703; US 2020015932 A1 20200116; WO 2012167911 A1 20121213

DOCDB simple family (application)

FR 1101734 A 20110606; EP 12728972 A 20120605; EP 2012002383 W 20120605; US 201214123542 A 20120605; US 201916584407 A 20190926