

Title (en)

Flexibel switch members for hand activation handpiece switches

Title (de)

Flexibles Schaltglied für handbetätigte Schalter

Title (fr)

Élément de commutation flexible pour des commutateurs actionnés manuellement

Publication

EP 1739696 A2 20070103 (EN)

Application

EP 06076904 A 20011019

Priority

- EP 01308926 A 20011019
- US 24227200 P 20001020
- US 87455601 A 20010604

Abstract (en)

Methods of controlling fluid flow (e.g., flow of liquids, water vapor and gases) through switch members, e.g., switch buttons, which are used to seal an interior cavity of a surgical handpiece are provided. The switch members provide improved sealing properties which prevent gas and water vapor transmission across the switch member and into and out of the sealed internal switch chamber. The switch members are also resistant to puncture due to striking by tools or cleaning instruments, or the like.

IPC 8 full level

A61B 17/22 (2006.01); **H01H 9/04** (2006.01); **A61B 18/00** (2006.01); **H01H 13/82** (2006.01)

CPC (source: EP)

H01H 9/04 (2013.01); **H01H 9/047** (2013.01); **H01H 13/82** (2013.01); **H01H 2300/014** (2013.01)

Cited by

US2012223446A1; US9238906B2; US11195676B2; WO2014027064A1

Designated contracting state (EPC)

DE ES FR GB IT NL

DOCDB simple family (publication)

EP 1739696 A2 20070103; **EP 1739696 A3 20070411**; **EP 1739696 B1 20101124**

DOCDB simple family (application)

EP 06076904 A 20011019