(12) UK Patent Application (19) GB (11) 2571489 (13) A

(43) Date of Reproduction by UK Office 28.08.2019

(21) Application No: 1908579.4

(22) Date of Filing: 17.11.2017

Date Lodged: 14.06.2019

(30) Priority Data:
(31) 62428312 (32) 30.11.2016 (33) US

(86) International Application Data:
PCT/US2017/062198 En 17.11.2017

(87) International Publication Data:
WO2018/102155 En 07.06.2018

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(51) INT CL:
C08L 29/04 (2006.01) ***A61F 13/26*** (2006.01)
C08K 5/00 (2006.01) ***C08K 5/053*** (2006.01)
C08L 23/06 (2006.01) ***C08L 71/02*** (2006.01)

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(58) Field of Search:
INT CL **A61F, A61L, C08K, C08L**
Other: **eKOMPASS(KIPO Internal)**

(54) Title of the Invention: **Thermoplastic injection molded and flushable tampon applicator**
Abstract Title: **Thermoplastic injection molded and flushable tampon applicator**

(57) A flushable tampon applicator product includes an outer tube for housing a tampon; an inner tube, at least a portion of which extends into the outer tube, wherein the outer tube includes an outer, body-contacting surface, wherein the inner tube is moveable relative to the outer tube and configured to expel a tampon from the outer tube, and wherein at least one of the outer tube and the inner tube comprises a thermoplastic composition including partially-hydrolyzed polyvinyl alcohol (PVOH), polyethylene glycol (PEG), a plasticizer, and a hydrophobic polymeric component, wherein at least one of the outer tube and the inner tube is a molded part; and a wrapper material configured for storage under high and low moisture storage conditions, the wrapper material having a water vapor transmission rate of less than 0.05g/100in2/day.

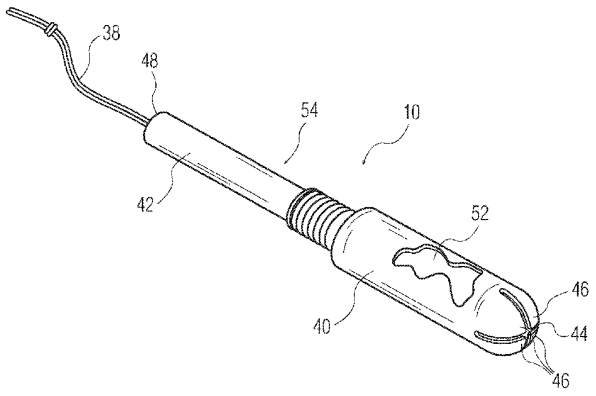

FIG. 1

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