

## SEARCH HISTORY

<b>Application Number</b>	PCT/US 19/64066
<b>Search Conducted By</b>	TCS
<b>Search Approved By</b>	ALK

<b>CPC/IPC Classifications Searched</b>	CPC: A61M 15/00, A61M 15/0001, A61M 15/0005, A61M 15/009; G09B 9/00 IPC(8): A61M 15/00; G09B 9/00 (2020.01)
<b>Date Conducted</b>	10 February 2020 (10.02.2020)

<b>Documentation Searched</b>	CPC: A61M 15/00, A61M 15/0001, A61M 15/0005, A61M 15/009; G09B 9/00 (text search - see terms below)
<b>Search Terms Used</b>	inhaler, training, cartridge, status, window, indicator, shutter, cassette, reset cap, snap latch, reset, lock, unlock, remove, reset
<b>Date Conducted</b>	10 February 2020 (10.02.2020)

<b>Electronic Database Searched</b>	PatBase
<b>Files Searched</b>	Full-text: AU BE BR CA CH CN DE DK EP ES FI FR GB IN JP KR SE TH TW US WO Bibliographic: (Europe) AT BA BE BG CH CS CY CZ DD DK EE ES FI GE GR HR HU IE IS IT LT LU LV MC MD MT NL NO PL PT RO RS SE SI SK SM TR UA YU (Asia) EA GC HK ID IL IN KZ MN MY PH RU SG SU TH TJ TW UZ VN (North America) CA CR CU DO GT HN MX NI PA SV TT (South America) AR BR CL CO EC PE UY (Australasia) AU NZ (Africa) AP DZ EG KE MA MW OA ZA ZM ZW
<b>Date Conducted</b>	10 February 2020 (10.02.2020)
<b>Search Logic:</b>	

Search 1: CPC=(A61M15/00 or A61M15/0001 or A61M15/0005 or A61M15/009 or G09B9/00)  
(Results 7649)

Search 2: IC=(A61M15/00 or G09B9/00) (Results 27911)

Search 3: 1 or 2 (Results 28684)

Search 4: inhaler (Results 35085)

Search 5: 3 and 4 (Results 5000)

Search 6: train\* (Results 1000000)

Search 7: 5 and 6 (Results 587)

Search 8: cartridge (Results 487296)

Search 9: 7 and 8 (Results 147)

Search 10: status (Results 1000000)

Search 11: 9 and 10 (Results 42)

Search 12: (status or indicator) w3 window (Results 8977)

Search 13: 9 and 12 (Results 4)  
 Search 14: 4 and 12 (Results 63)  
 Search 15: 6 and 14 (Results 16)  
 Search 16: 8 and 14 (Results 26)  
 Search 17: shutter w3 (cartridge or cassette) (Results 2453)  
 Search 18: 4 and 17 (Results 2)  
 Search 19: 8 or cassette (Results 740475)  
 Search 20: 4 and 19 (Results 8177)  
 Search 21: shutter (Results 357708)  
 Search 22: 20 and 21 (Results 55)  
 Search 23: reset cap (Results 68)  
 Search 24: 22 and 23 (Results 0)  
 Search 25: PN=(us20160216456 or us20130071066) (Results 2)  
 Search 26: PN=(TWM567872) (Results 1)  
 Search 27: snap latch w3 shutter (Results 0)  
 Search 28: protrusion w3 shutter (Results 296)  
 Search 29: fiber (Results 1000000)  
 Search 30: 28 and 29 (Results 14)  
 Search 31: remov\* w3 (cartridge or cassette) (Results 55418)  
 Search 32: 4 and 31 (Results 827)  
 Search 33: 12 and 32 (Results 3)  
 Search 34: 6 and 32 (Results 295)  
 Search 35: status or indicator (Results 1000000)  
 Search 36: 34 and 35 (Results 262)  
 Search 37: 21 and 36 (Results 4)  
 Search 38: reset (Results 789555)  
 Search 39: 36 and 38 (Results 20)  
 Search 40: lock\* or unlock\* (Results 1000000)  
 Search 41: 36 and 40 (Results 33)  
 Search 42: TA=(train\*) (Results 553404)  
 Search 43: 4 and 42 (Results 132)  
 Search 44: 8 and 43 (Results 14)  
 Search 45: 4 and 23 (Results 0)  
 Search 46: remov\* w4 reset (Results 8444)  
 Search 47: 4 and 46 (Results 6)  
 Search 48: reset w3 (status or indicat\*) (Results 19698)  
 Search 49: 4 and 48 (Results 25)  
 Search 50: PN=(us2014322682 or ep0667168 or us5333106 or us5263475 or us2015320947  
 or wo17015303 or us2015283341 or us2015320947) (Results 7)  
 Search 51: ctf 50 or ctb 50 (Results 1132)  
 Search 52: 12 and 51 (Results 15)  
 Search 53: 6 and 50 (Results 6)

<b>Electronic Database Searched</b>	GOOGLE
<b>Files Searched</b>	ALL
<b>Date Conducted</b>	10 February 2020 (10.02.2020)
<b>Search Logic:</b>	
training inhaler About 5,160,000 results training inhaler cartridge About 1,390,000 results training inhaler cartridge reset About 240,000 results	

training inhaler cartridge reset window About 350,000 results  
 training inhaler cartridge reset window shutter About 848,000 results

<b>Electronic Database Searched</b>	GOOGLE Scholar
<b>Files Searched</b>	ALL
<b>Date Conducted</b>	10 February 2020 (10.02.2020)
<b>Search Logic:</b>	
training inhaler About 29,500 results training inhaler cartridge About 15,400 results training inhaler cartridge reset About 955 results training inhaler cartridge reset window About 5,460 results training inhaler cartridge reset window shutter About 962 results	

<b>Electronic Database Searched</b>	GOOGLE Patents
<b>Files Searched</b>	ALL
<b>Date Conducted</b>	10 February 2020 (10.02.2020)
<b>Search Logic:</b>	
training inhaler About 7,900 results training inhaler cartridge About 9,590 results training inhaler cartridge reset About 1,580 results training inhaler cartridge reset window About 1,230 results training inhaler cartridge reset window shutter About 211 results	

## Supplemental SAO searching:

<b>Electronic Database Searched</b>	PatBase
<b>Files Searched</b>	Full-text: AU BE BR CA CH CN DE DK EP ES FI FR GB IN JP KR SE TH TW US WO Bibliographic: (Europe) AT BA BE BG CH CS CY CZ DD DK EE ES FI GE GR HR HU IE IS IT LT LU LV MC MD MT NL NO PL PT RO RS SE SI SK SM TR UA YU (Asia) EA GC HK ID IL IN KZ MN MY PH RU SG SU TH TJ TW UZ VN (North America) CA CR CU DO GT HN MX NI PA SV TT (South America) AR BR CL CO EC PE UY (Australasia) AU NZ (Africa) AP DZ EG KE MA MW OA ZA ZM ZW
<b>Date Conducted</b>	15 February 2020 (15.02.2020)
<b>Search Logic:</b>	

- Search 1: (inhaler or inhale~ or inhalation or nebulizer or atomizer) (Results 323566)  
 Search 2: 1 and (lung% or respiratory or asthma or breath% or breathe or breathing) (Results 129189)  
 Search 3: 2 and ((cartridge or reservoir or tank) near (insert~ or insertabl% or insertion or replace~ or remove~ or replacabl% or removabl%)) (Results 3155)

- Search 4: 3 and (train~ or trainer or teach~ or practice~) (Results 2048)  
Search 5: 4 and (new or used or uses or count~) (Results 2035)  
Search 6: 5 and ((new or used or uses or count~) near (display~ or indicat~ or indication or indicator or window or view~)) (Results 733)  
Search 7: 6 and ((new or used or uses or count~ or display~ or indicat~ or indication or indicator or window or view~) near (reset~ or resettabl%)) (Results 30)  
Search 8: 5 and (reset~ or resettabl%) (Results 232)  
Search 9: 8 and ((new or used or uses or count~ or display~ or indicat~ or indication or indicator or window or view~ or insert~ or insertabl% or insertion or replace~ or remove~ or replacabl% or removabl% or cap or cover~) near (reset~ or resettabl%)) (Results 49)  
Search 10: 5 and ((reset~ or resettabl%) near (cap~ or cover~ or lid)) (Results 4)  
Search 11: 4 and ((reset~ or resettabl%) near (cap~ or cover~ or lid)) (Results 4)  
Search 12: 3 and ((reset~ or resettabl%) near (cap~ or cover~ or lid)) (Results 7)  
Search 13: 8 and ((opening or aperture or hole) near (door or shutter)) (Results 17)