



Australian Government
IP Australia

Search Information Statement (SIS)

Application
Number

PCT/AU2018/050585

A. Search Details

Additional Members of the Search Team (if convened):	M. Forward, S. Xie	Earlier Search Results (if available)	AU2017904237
		Current SIS Completion Date	22 August 2018

B. Search Strategy

Applicant Inventor name searched in IP Australia internal databases and PATENW. EPOQUE databases: PATENW is a cluster of the databases EPODOC, WPIAP and full text English language cluster TXTE; Search statements in bold text were retrieved and reviewed.

PATENW Results Query

- | | | |
|---|-----|---|
| 1 | 3 | Selection of 1 items with ..IND /IN POWELL JOR+ |
| 2 | 428 | Selection of 5 items with ..IND /IN KHOURY ED+ |
| 3 | 9 | (1 OR 2) AND (UPA>=20180401 AND OPD<=20171019) |

PATENW Results Query

- | | | |
|-----|-------|--|
| 1 | 1.811 | /C/CNO (A61F5/05808 OR A61F5/05883 OR A61F5/05891 OR A61F5/3707 OR A61H1/0296) |
| 2 | 76 | 1 AND (UPA>=20180401 AND OPD<=20171019) |
| 3 | 1.311 | /C/CNO/IC/FI (A61F5/055 OR A61F5/058 OR A47C16/00 OR A61G15/12 OR A61C19/00/LOW) AND (UPA>=20180401 AND OPD<=20171019) |
| > 4 | 3.944 | *XT {..FAMEX SS 3 FROM PATENW} |
| > 5 | 24 | 4 AND ((JAW OR CHIN OR MANDIB+) 3D (SUPPORT+ OR REST+ OR BRACE? OR SPLINT? OR BRACKET? OR CRADLE? OR ENGAG+ OR ORTHOSIS+ OR ORTHOTIC+ OR ORTHES+)) AND ((NECK OR CERVICAL) 3D (SUPPORT+ OR REST+ OR BRACE? OR SPLINT? OR BRACKET? OR CRADLE? OR ENGAG+ OR ORTHOSIS+ OR ORTHOTIC+ OR ORTHES+)) AND ((CHEST OR SHOULDER+) 3D (SUPPORT+ OR REST+ OR BRACE? OR SPLINT? OR BRACKET? OR CRADLE? OR ENGAG+ OR ORTHOSIS+ OR ORTHOTIC+ OR ORTHES+)) |
| > 6 | 61 | 4 AND (SHOULDER? OR CHEST) AND (JAW OR MANDIBLE OR CHIN) AND NECK AND (SUPPORT+ OR REST+ OR BRACE? OR SPLINT? OR BRACKET? OR CRADLE? OR ENGAG+ OR ORTHOSIS+ OR ORTHOTIC+ OR ORTHES+) /\$ABS |
| > 7 | 64 | 5 OR 6 |

\$COMBI Results Query

- | | | |
|---|----|--|
| 1 | 2 | /PN US2018132621 { input } |
| 2 | 8 | OR (/PN US2018132621),(*M1/PN),(*M2/PR) { patent number(s) and family members to combi } |
| 3 | 87 | OR (/CTP/CTL US2018132621),(*M3/CTP/CTL),(*M4/PN),(*M5/AP) { |

cited & citing documents from ultraCombi }

4 95 2 OR 3

PATENW Results Query

- 1 1.811 /C/CNO (A61F5/05808 OR A61F5/05883 OR A61F5/05891 OR A61F5/3707 OR A61H1/0296)
- 2 7.798 /C/CNO/IC/FI (A61F5/055 OR A61F5/058)
- 3 8.919 1 OR 2
- > 4 9.981 *XT {..FAMEX SS 3 FROM PATENW}
- > 5 15 4 AND (12UG (LOCK+ OR LATCH+ OR SECUR+ OR HING+ OR BOLT+ OR CATCH+ OR ENGAG+ OR FASTEN+), (JAW OR CHIN OR MANDIB+), (CHEST OR SHOULDER+))/\$ABS
- > 6 279 4 AND ((JAW OR CHIN OR MANDIB+ OR HEAD) 3D (SUPPORT+ OR REST+ OR BRACE? OR SPLINT? OR BRACKET? OR CRADLE? OR ENGAG+ OR ORTHOSIS+ OR ORTHOTIC+ OR ORTHES+)) AND ((CHEST OR SHOULDER+) 3D (SUPPORT+ OR REST+ OR BRACE? OR SPLINT? OR BRACKET? OR CRADLE? OR ENGAG+ OR ORTHOSIS+ OR ORTHOTIC+ OR ORTHES+)) AND (LOCK+ OR LATCH+ OR SECUR+ OR HING+ OR BOLT+ OR CATCH+ OR ENGAG+ OR FASTEN+) /\$ABS
- > 7 75 (5 OR 6) AND ((U D SHAP+) OR U?SHAP+)
- > 8 9 4 AND (12UG (LOCK+ OR LATCH+ OR SECUR+ OR HING+ OR BOLT+ OR CATCH+ OR ENGAG+ OR FASTEN+), (JAW OR CHIN OR MANDIB+ OR HEAD OR CHEST OR SHOULDER+), ((U D SHAP+) OR U?SHAP+))/\$ABS
- > 9 33 4 AND (12UG (LOCK+ OR LATCH+ OR SECUR+ OR HING+ OR BOLT+ OR CATCH+ OR ENGAG+ OR FASTEN+), (JAW OR CHIN OR MANDIB+ OR HEAD OR CHEST OR SHOULDER+), ((U D SHAP+) OR U?SHAP+))

PATENW Results Query

- 1 4.606 /C/CNO A47C16/00/LOW OR B60N2/882 OR A47C7/383
- > 2 4.656 *XT {..FAMEX SS 1 FROM PATENW}
- > 3 206 2 AND ((JAW OR CHIN OR MANDIB+ OR HEAD) 3D (SUPPORT+ OR REST+ OR BRACE? OR SPLINT? OR BRACKET? OR CRADLE? OR ENGAG+ OR ORTHOSIS+ OR ORTHOTIC+ OR ORTHES+)) AND ((NECK OR CERVICAL) 3D (SUPPORT+ OR REST+ OR BRACE? OR SPLINT? OR BRACKET? OR CRADLE? OR ENGAG+ OR ORTHOSIS+ OR ORTHOTIC+ OR ORTHES+)) AND ((CHEST OR SHOULDER+) 3D (SUPPORT+ OR REST+ OR BRACE? OR SPLINT? OR BRACKET? OR CRADLE? OR ENGAG+ OR ORTHOSIS+ OR ORTHOTIC+ OR ORTHES+))
- > 4 97 3 AND ((U D SHAP+) OR U?SHAP+)

PATENW Results Query

- 1 6.511 /C/CNO/IC A47C16/00/LOW OR B60N2/882
- > 2 7.697 *XT {..FAMEX SS 1 FROM PATENW}
- > 3 71 2 AND ((JAW OR CHIN OR MANDIB+ OR HEAD) 3D (SUPPORT+ OR REST+ OR BRACE? OR SPLINT? OR BRACKET? OR CRADLE? OR ENGAG+

OR ORTHOSIS+ OR ORTHOTIC+ OR ORTHES+)) AND ((NECK OR CERVICAL) 3D (SUPPORT+ OR REST+ OR BRACE? OR SPLINT? OR BRACKET? OR CRADLE? OR ENGAG+ OR ORTHOSIS+ OR ORTHOTIC+ OR ORTHES+)) AND ((CHEST OR SHOULDER+) 3D (SUPPORT+ OR REST+ OR BRACE? OR SPLINT? OR BRACKET? OR CRADLE? OR ENGAG+ OR ORTHOSIS+ OR ORTHOTIC+ OR ORTHES+)) AND ((U D SHAP+) OR U?SHAP+)

PATENW	Results	Query
1	17.396	/C/CNO/IC/FI A47C16/00/LOW OR B60N2/882 OR A47C7/38/LOW
> 2	20.221	*XT {..FAMEX SS 1 FROM PATENW}
> 3	27	2 AND (12UG (LOCK+ OR LATCH+ OR SECUR+ OR HING+ OR BOLT+ OR CATCH+ OR ENGAG+ OR FASTEN+ OR RATCHET+), (JAW OR CHIN OR MANDIB+ OR HEAD), (CHEST OR SHOULDER+)) /\$ABS
> 5	74	2 AND ((JAW OR CHIN OR MANDIB+ OR HEAD) 3D (SUPPORT+ OR REST+ OR BRACE? OR SPLINT? OR BRACKET? OR CRADLE? OR ENGAG+ OR ORTHOSIS+ OR ORTHOTIC+ OR ORTHES+)) AND ((CHEST OR SHOULDER+) 3D (SUPPORT+ OR REST+ OR BRACE? OR SPLINT? OR BRACKET? OR CRADLE? OR ENGAG+ OR ORTHOSIS+ OR ORTHOTIC+ OR ORTHES+)) AND ((LOCK+ OR LATCH+ OR SECUR+ OR HING+ OR BOLT+ OR CATCH+ OR ENGAG+ OR FASTEN+ OR RATCHET+) 3D (SUPPORT+ OR REST+ OR BRACE? OR SPLINT? OR BRACKET? OR CRADLE? OR ENGAG+ OR ORTHOSIS+ OR ORTHOTIC+ OR ORTHES+)) /\$ABS
> 6	89	3 OR 5
> 7	495	2 AND ((LOCK+ OR LATCH+ OR RATCHET+) 5D ((JAW OR CHIN OR MANDIB+ OR HEAD) 2D (SUPPORT+ OR REST+)))
> 8	20	2 AND ((LOCK+ OR LATCH+ OR RATCHET+) 5D ((CHEST OR SHOULDER+) 2D (SUPPORT+ OR REST+)))
> 9	8	7 AND 8
> 11	25	2 AND (RATCHET+ 5D ((JAW OR CHIN OR MANDIB+ OR HEAD) 2D (SUPPORT+ OR REST+)))
> 14	35	2 AND (RATCHET+ 5D (JAW OR CHIN OR MANDIB+ OR HEAD)) AND (RATCHET+ 5D (SUPPORT+ OR REST+ OR CUSHION+))
> 15	11	2 AND (TRAVEL+ 3D (PILLOW+ OR CUSHION)) AND RATCHET+

Applicant(s)/Inventor(s) name searched in internal databases provided by IP Australia