

**SUPPLEMENTARY  
EUROPEAN SEARCH REPORT**

Application Number  
EP 15 73 4842

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	EP 1 128 868 B1 (RESPIRONICS INC [US]) 24 March 2010 (2010-03-24) * abstract; claim *; figure * * * paragraphs [0017] - [0025] * -----	1-14	INV. A61N1/36 A61B5/0488 A61B5/08 A61F5/56
A	US 2012/192874 A1 (BOLEA STEPHEN L [US] ET AL) 2 August 2012 (2012-08-02) * the whole document * -----	1-14	A61B5/00 A61N1/05
A	WO 2013/172935 A2 (TANG HUI [US]) 21 November 2013 (2013-11-21) * the whole document * -----	1-14	
A	US 2012/234331 A1 (SHANTHA TOTADA R [US]) 20 September 2012 (2012-09-20) * the whole document * -----	1-14	
			TECHNICAL FIELDS SEARCHED (IPC)
			A61N
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search <b>Munich</b>		Date of completion of the search <b>4 September 2017</b>	Examiner <b>Scheffler, Arnaud</b>
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone  Y : particularly relevant if combined with another document of the same category  A : technological background  O : non-written disclosure  P : intermediate document</p> <p>T : theory or principle underlying the invention  E : earlier patent document, but published on, or after the filing date  D : document cited in the application  L : document cited for other reasons  .....  &amp; : member of the same patent family, corresponding document</p>			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 15 73 4842

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
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04-09-2017

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US 2012234331	A1	20-09-2012	NONE	
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专利名称(译)	治疗睡眠呼吸暂停的方法和设备		
公开(公告)号	<a href="#">EP3092033A4</a>	公开(公告)日	2017-10-25
申请号	EP2015734842	申请日	2015-01-06
[标]申请(专利权)人(译)	因维克塔医药公司		
申请(专利权)人(译)	该医疗公司		
当前申请(专利权)人(译)	该医疗公司		
[标]发明人	KENT STEVEN THOMAS HARTER LAURENCE WYLIE KENT HAROLD BYRON PULDON KARENA YADIRA		
发明人	KENT, STEVEN THOMAS HARTER, LAURENCE WYLIE KENT, HAROLD BYRON PULDON, KARENA YADIRA		
IPC分类号	A61N1/36 A61B5/00 A61B5/0488 A61B5/08 A61F5/56 A61N1/05		
CPC分类号	A61B5/0488 A61B5/0826 A61B5/4818 A61F5/56 A61F5/566 A61N1/0548 A61N1/3601 A61N1/36078 A61N1/0452 A61N1/3603		
代理机构(译)	博尔特WADE TENNANT		
优先权	14/149689 2014-01-07 US		
其他公开文献	EP3092033A1 EP3092033B1		
外部链接	<a href="#">Espacenet</a>		

摘要(译)

公开了一种口腔器具，其以防止睡眠期间舌头和/或软腭塌陷的方式向患者的舌头提供电刺激。更具体地，器具可以以缩短患者的腭舌肌的方式在舌头的横向方向上引起可逆电流或电流，这反过来将患者的软腭向下拉向舌根和/或减小体积。舌头

DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Category	Category of documents with indication, where appropriate, of relevant passages		
X	EP 1 128 868 B1 (RESPIRONICS INC [US]) 24 March 2010 (2010-03-24) = abstract; claim 1 - FIGURE 1, * paragraphs [0017] - [0025] *	1-14	INV. A61N1/36 A61B5/0488
A	US 2012/192874 A1 (SOLEA STEPHEN L [US] ET AL) 2 August 2012 (2012-08-02) * the whole document *	1-14	A61B5/08 A61F5/56 A61N1/36
A	WO 2013/172935 A2 (TANG HUI [US]) 21 November 2013 (2013-11-21) * the whole document *	1-14	
A	US 2012/244331 A1 (SHANATHA TOTADA R [US]) 20 September 2012 (2012-09-20) * the whole document *	1-14	
<p>The supplementary search report has been based on the last search results valid and available at the start of the search.</p>			
Place of search		Date of completion of the search	Examiner
Munich		4 September 2017	Scheffler, Arnaud
<p>CLASSIFICATION OF OTHER DOCUMENTS</p> <p>1. Priority or invention containing the same subject-matter as the application 2. Document cited in the application 3. Document cited for other reasons 4. Document of the same patent family, corresponding to the application</p>			