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### About this file: EP2978570

<b>EP2978570 - A VACUUM MANIPULATION DEVICE AND A METHOD FOR MANIPULATING A COMPONENT BY MEANS OF A VACUUM</b> [Right-click to bookmark this link]			
<b>Status</b>	The patent has been granted <i>Status updated on 31.03.2017</i> <i>Database last updated on 08.03.2018</i>		
<b>Most recent event</b>	23.02.2018	Lapse of the patent in a contracting state New state(s): IT, SM	published on 28.03.2018 [2018/13]
<b>Applicant(s)</b>	For all designated states Consiglio Nazionale Delle Ricerche Piazzale Aldo Moro, 7 00185 Roma / IT [2016/05]		
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<b>Application number, filing date</b>	14721500.8 [2016/05] WO2014IB60105	24.03.2014	
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<b>Procedural language</b>	EN		
<b>Publication</b>	<b>Type:</b> A1 Application with search report <b>No.:</b> WO2014155277 <b>Date:</b> 02.10.2014 <b>Language:</b> EN [2014/40] <b>Type:</b> <a href="#">A1 Application with search report</a> <b>No.:</b> EP2978570 <b>Date:</b> 03.02.2016 <b>Language:</b> EN The application has been published by WIPO in one of the EPO official languages on 02.10.2014 [2016/05] <b>Type:</b> <a href="#">B1 Patent specification</a> <b>No.:</b> EP2978570 <b>Date:</b> 03.05.2017 <b>Language:</b> EN [2017/18]		
<b>Search report(s)</b>	<b>International search report - published on:</b> EP		02.10.2014
<b>Classification</b>	<b>International:</b> B25J15/06		[2016/05]
<b>Designated contracting states</b>	AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR [2016/05]		
<b>Extension states</b>	BA	Not yet paid	
	ME	Not yet paid	
<b>Title</b>	<b>German:</b>	EIN DRUCKHANDHABUNGSVORRICHTUNG UND EIN VERFAHREN FÜR DIE	[2016/47]

		MANIPULATION EINER KOMPONENTE DURCH VAKUUM	
	<b>English:</b>	A VACUUM MANIPULATION DEVICE AND A METHOD FOR MANIPULATING A COMPONENT BY MEANS OF A VACUUM	[2016/05]
	<b>French:</b>	DISPOSITIF DE MANIPULATION SOUS VIDE ET PROCEDE DE MANIPULATION D'UN COMPOSANT AU MOYEN D'UN VIDE	[2016/47]
<b>Entry into regional phase</b>	20.10.2015	National basic fee paid	
	20.10.2015	Designation fee(s) paid	
	20.10.2015	Examination fee paid	
<b>Examination procedure</b>	20.10.2015	Examination requested [2016/05]	
	09.03.2016	Amendment by applicant (claims and/or description)	
	08.12.2016	Communication of intention to grant the patent	
	10.03.2017	Fee for grant paid	
	10.03.2017	Fee for publishing/printing paid	
	10.03.2017	Receipt of the translation of the claim(s)	
<b>Divisional application(s)</b>	The date of the Examining Division's first communication in respect of the earliest application for which a communication has been issued is 08.12.2016		
<b>Fees paid</b>	<b>Renewal fee</b>		
	21.03.2016	Renewal fee patent year 03	
	21.03.2017	Renewal fee patent year 04	
<b>Lapses during opposition</b>	AT	03.05.2017	
	CZ	03.05.2017	
	DK	03.05.2017	
	EE	03.05.2017	
	ES	03.05.2017	
	FI	03.05.2017	
	HR	03.05.2017	
	IT	03.05.2017	
	LT	03.05.2017	
	LV	03.05.2017	
	NL	03.05.2017	
	PL	03.05.2017	
	RO	03.05.2017	
	RS	03.05.2017	
	SE	03.05.2017	
	SK	03.05.2017	
	SM	03.05.2017	
	BG	03.08.2017	
	NO	03.08.2017	
	GR	04.08.2017	
	IS	03.09.2017	
	[2018/11]		
<b>Cited in</b>	<b>International search</b>	[A]US2012000125 (RUBATINO FREDRICK T [US], et al) [A] 1-20 * paragraph [0037] - paragraph [0041]; figures 6-14 *;	
		[A]US2005108931 (MCKINNIS MICHAEL K [US], et al) [A] 1-20 * the whole document *	
	<b>by applicant</b>	US7603807	