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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	
<b>Priority number, date</b>	IT2013MI00451 [2016/05]	26.03.2013	Original published format: IT MI20130451
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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, LT, 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	
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	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>	<a href="#">US7603807</a>	