





	Меа	Av
■ ΦΦΦ ■ Financial value (NPV) induced by	protection -	-
<ul> <li>For how much would you sell it (PA</li> </ul>	ATVAL) +/-	-
<ul> <li>Net present value induced by licen</li> </ul>	sing <b>+/-</b>	-
Technological/scientific		
<ul> <li>Impact on new inventions: Forward</li> </ul>	Patent Citations	+
Patent granted	+	+
Value witnesses		
<ul> <li>Renewed for several years (costs)</li> </ul>	+	+/-
<ul> <li>Patent families (costs)</li> </ul>	+	+
<ul> <li>Oppositions to grant</li> <li>Has been licensed to other firm</li> </ul>	+	+
<ul> <li>Has been used for HTSU</li> </ul>	+	-
	+	-





European Patent Office

## Attorney and translation cost main cost driver













European Patent Office	Identification of 'institutional' sources of knowledge
	<ul> <li>Non patent citations (literature : +/0)</li> <li>Self (+) = own tacit and codified knowledge, experience</li> <li>Non self (-) = public domain, more competition, imposed?</li> </ul>
	<ul> <li>Backward patent citations (literature : +)</li> <li>Self (-) = incremental innovation wrt own previous research</li> <li>PRI (+) = important scientific content</li> <li>Industry (?)</li> </ul>
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١	New determinants	
European Patent Office		
	Scientific Literature	
	Negative & significant effect of non-self NPC	
	<ul> <li>Positive &amp; significant effect of self NPC</li> </ul>	
	Technological Literature (Patents)	
	<ul> <li>Positive &amp; significant effect of public BPC</li> </ul>	
	Collaboration	
	<ul> <li>Positive &amp; significant effect of collaboration with industry</li> </ul>	
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European Patent Office	References	
	<ul> <li>Athreye S.S. and Cantwell J. A. (2005). 'Creating Competition? Globalisation and the Emergence of New Technology Producers'. Open University Economics Discussion Paper, &amp; Available at SSRN.</li> <li>Guellec, D. and van Pottelsberghe de la Potterie B. (2000). 'Applications, grants and the value of patents'. Economic Letters, 69/1), 109-114.</li> <li>Rolland Berger, (2005), Study on the cost of patenting in Europe, prepared on behalf of the EPO by Roland Berger Market Research.</li> <li>Sapsalis E., van Pottelsberghe de la Potterie, B., 2007. The institutional sources of knowledge and the value of academic patents. Economics of Innovation and New Technologies, forthcoming, available also on CEB Working Papers, Université Libre de Bruxelles, Solvay Business School, Centre Emile Bernheim (CEB), WP-CEB 04-003.</li> <li>Saragossi, S., van Pottelsberghe de la Potterie, B., 2003. What patent data reveals about universities - The case of Belgium. Journal of Technology Transfer 28(1), 47-51.</li> <li>Sapsalis, E., van Pottelsberghe de la Potterie, B. (2006). 'From science to license: an exploratory analysis of the value of academic patents'. Working Paper, Centre Emile Bernhe SBS, ULB, forthcoming.</li> <li>Van Looy, B., Du Plessis, M. and Magerman, T. (2006). 'Data Production Methods for Harmonized Patent Indicators: Assignee sector allocation', EUROSTAT Working Paper and Studies, Luxemburg.</li> <li>Van Pottelsberghe de la Potterie, B. and François, D. (2006) 'The Cost Factor in Patent Systems' Working Papers CEB (available on RepEc), Université Libre de Bruxelles, Solvay Business School.</li> </ul>	52. Ə
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