



Extract from the Register of European Patents

About this file: EP2964272

EP2964272 - ASSEMBLY COMPRISING AN ABSORBER OF NEAR INFRARED (NIR) LIGHT COVALENTLY LINKED TO AN INHIBITOR OF CARBONIC ANHYDRASE [Right-click to bookmark this link]				
Status	Request for examination was made <i>Database last updated on 30.01.2016</i>			
Most recent event	11.12.2015	Publication in section I.1 EP Bulletin	published on 13.01.2016 [2016/02]	
	11.12.2015	Request for examination filed	published on 13.01.2016 [2016/02]	
Applicant(s)	For all designated states Consiglio Nazionale Delle Ricerche Piazzale Aldo Moro 7 00185 Roma / IT [2016/02]			
Inventor(s)	01 / PINI, Roberto Via Aligi Barducci 21 I-50023 Impruneta (FIRENZE) / IT			
	02 / RATTO, Fulvio Via della Crescia 33/A I-50013 Campi Bisenzio (FIRENZE) / IT			
	03 / TATINI, Francesca Viale dell'Unità d'Italia 10 I-52027 San Giovanni Valdarno (AREZZO) / IT			
	04 / FUSI, Franco c/o Consiglio Nazionale delle Ricerche - CNR Piazzale Aldo Moro 7 I-00185 Roma / IT			
	05 / CENTI, Sonia Via A. Moro 15 I-50050 Capraia Fiorentina (FIRENZE) / IT			
	06 / SCOZZAFAVA, Andrea via della Fornacella 2A I-50012 Bagno a Ripoli (FIRENZE) / IT			
	07 / SUPURAN, Claudiu Trandafir Via de' Magalotti 7 I-50122 Firenze / IT			
	08 / CARTA, Fabrizio via Lenin 5 I-08020 Irgoli (NUORO) / IT			
	09 / CAPACCIOLI, Sergio via Duca d'Aosta 16 I-50129 Firenze / IT			
	10 / WITORT, Ewa Janina Via Francesco Petrarca 69 Incisa I-50064 Figline e Incisa Valdarno (FIRENZE) / IT [2016/02]			
Representative(s)	Currado, Luisa , et al Cantaluppi & Partners Viale della Tecnica, 205 00144 Roma / IT [2016/02]			
Application number, filing date	14714382.0	06.03.2014		
	[2016/02] WO20141B59490			
Priority number, date	IT2013RM00138	07.03.2013	Original published format: IT RM20130138	
	[2016/02]			
Filing language	EN			
Procedural language	EN			
Publication	Type:	A2 Application without search report		
	No.:	WO2014136076		
	Date:	12.09.2014		
	Language:	EN		
		[2014/37]		
	Type:	A2 Application without search report		
No.:	EP2964272			
Date:	13.01.2016			

	Language:	EN	
	The application has been published by WIPO in one of the EPO official languages on 12.09.2014 [2016/02]		
International and Supplementary search report(s)	International search report - published on:	EP	20.11.2014
Classification	International:	A61K49/22, A61K41/00, A61K47/48, A61P35/00	[2016/02]
Designated contracting states	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 [2016/02]		
Extension states	BA	Not yet paid	
	ME	Not yet paid	
Title	German:	ANORDNUNG AUS EINEM KOVALENT AN EINEN CARBOANHYDRASEINHIBITOR GEBUNDENEN NIR-ABSORBER	[2016/02]
	English:	ASSEMBLY COMPRISING AN ABSORBER OF NEAR INFRARED (NIR) LIGHT COVALENTLY LINKED TO AN INHIBITOR OF CARBONIC ANHYDRASE	[2016/02]
	French:	ENSEMBLE COMPRENANT UN ABSORBEUR DE LUMIÈRE DU PROCHE INFRAROUGE (NIR) LIÉ DE FAÇON COVALENTE À UN INHIBITEUR D'ANHYDRASE CARBONIQUE	[2016/02]
Entry into regional phase	31.08.2015	National basic fee paid	
	31.08.2015	Designation fee(s) paid	
	31.08.2015	Examination fee paid	
Examination procedure	deleted	Communication of intention to grant the patent	
	31.08.2015	Amendment by applicant (claims and/or description)	
	31.08.2015	Examination requested [2016/02]	
Cited in	by applicant	WO2004048544	
		US2007212305	
		US2009104179	
		US2011262500	
		US2013004523	
		WO9725039	
		WO2007046893	
		WO2012018383	
		WO2006137009	
		WO2006137092	
		WO2008071421	
		WO2011009861	
		WO2012021963	
		WO2012070024	
		WO2012175654	
		US2012321563	
		WO2012154885	
		- WANG M.; THANOU M.: 'Targeting nanoparticles to cancer' PHARMACOLOGICAL RESEARCH vol. 62, 2010, pages 90 - 99	
		- HUANG X. ET AL.: 'A Reexamination of Active and Passive Tumor Targeting by Using Rod-Shaped Gold Nanocrystals and Covalently Conjugated Peptide Ligands', vol. 4, 2010, ACSNANO pages 5887 - 5896	
		- SUPURAN NATURE REV. DRUG. DISCOV. vol. 7, 2008, pages 168 - 181	
		- STITI J. AM. CHEM. SOC. vol. 130, 2008, pages 16130 - 16131	
		- RATTO F. ET AL.: 'Gold nanorods as new nanochromophores for photothermal therapies' JOURNAL OF BIOPHOTONICS vol. 4, 2011, pages 64 - 73	
		- STITI M. ET AL.: 'Carbonic anhydrase inhibitor coated gold nanoparticles selectively inhibit the tumor-associated isoform IX over the cytosolic isozymes I and II' J. AM. CHEM. SOC. vol. 130, 2008, pages 16130 - 16131	
		- GROVES ET AL. BIOORGANIC & MEDICINAL CHEMISTRY LETTERS vol. 22, no. 1, 2011, pages 653 - 657	
		- TAFRESHI ET AL. CLINICAL CANCER RESEARCH vol. 18, no. 1, 2012, pages 207 - 219	
		- MAAMAR STITI ET AL. JOURNAL OF THE AMERICAN CHEMICAL SOCIETY vol. 130, no. 48, 2008, pages 16130 - 16131	
		- RATTO ET AL. JOURNAL OF NANOPARTICLE RESEARCH vol. 12, no. 6, 2009, pages 2029 - 2036	
	- G.X. ZHOU; J. IRELAND; P. RAYMAN; J. FINKE; M. ZHOU: 'Quantification of carbonic anhydrase IX expression in serum and tissue of renal cell carcinoma patients using enzyme-linked immunosorbent assay: prognostic and diagnostic potentials' UROLOGY vol. 75, 2010, pages 257 - 61		
	- M. TAKACOVA; M. BARTOSOVA; L. SKVARKOVA; M. ZATOVICOVA; I. VIDLICKOVA; L. CSADEROVA; M. BARATHOVA; J. BREZA; P.		

	BUJDAK; J. PASTORE: 'Carbonic anhydrase IX is a clinically significant tissue and serum biomarker associated with renal cell carcinoma' ONCOL LETT vol. 5, 2013, pages 191 - 7
	- J. MOBLEY; T. VO-DINH: 'Biomedical photonics handbook', 2003, CRC PRESS deel 'Optical properties of tissue', pages 2 - 60,70
	- M. TAKACOVA; M. BARTOSOVA; L. SKVARKOVA; M. ZATOVICOVA; I. VIDLICKOVA; L. CSADEROVA; M. BARATHOVA; J. BREZA; P. BUJDAK; J. PASTORE: 'Carbonic anhydrase IX is a clinically significant tissue and serum biomarker associated with renal cell carcinoma' ONCOL LETT. vol. 5, 2013, pages 191 - 7
	- RATTO J. NANOPART. RES. vol. 12, 2010, pages 2029 - 2036