0	For receiving Office use only		
0-1	International Application No.	PCT/IB2018/051126	
0-2	International Filing Date	23 February 2018 (23.02.2018)	
0-3	Name of receiving Office and "PCT International Application"	RO/IB	
0-4	Form PCT/RO/101 PCT Request		
0-4-1	Prepared Using	ePCT-Filing Version 4.2.011 MT/FOP 20180221/1.1	
0-5	Petition  The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty		
0-6	Receiving Office (specified by the applicant)	International Bureau of the World Intellectual Property Organization (RO/IB)	
0-7	Applicant's or agent's file reference	SABA-P0196WO	
l	Title of Invention	CATALYST FOR EFFICIENT HYDROGEN GENERATION	
II	Applicant		
II-1	This person is	Applicant only	
II-2	Applicant for	All designated States	
11-4	Name	SABIC GLOBAL TECHNOLOGIES B.V.	
II-5	Address	Plasticslaan 1 4612 PX Bergen Op Zoom Netherlands	
II-6	State of nationality	NL	
II-7	State of residence	NL	
II-10	e-mail	aoipdocket@nortonrosefulbright.com	
II-10(a)	E-mail authorization The receiving Office, the International Searching Authority, the International Bureau and the International Preliminary Examining Authority are authorized to use this e-mail address, if the Office or Authority so wishes, to send notifications issued in respect of this international application:	exclusively in electronic form (no paper notifications will be sent)	

III-1	Applicant and/or inventor		
III-1-1	This person is	Inventor only	
III-1-3	Inventor for	All designated States	
III-1-4	Name (LAST, First)	ISIMJAN, Tayirjan Taylor	
III-1-5	Address	SABIC Corporation Research and Innovation Center at KAUST, P.O. Box 4545-4700 23955-6900 Thuwal Saudi Arabia	
III-2	Applicant and/or inventor		
III-2-1	This person is	Inventor only	
III-2-3	Inventor for	All designated States	
III-2-4	Name (LAST, First)	IDRISS, Hicham	
III-2-5	Address	SABIC Corporation Research and Innovation Center at KAUST, P.O. Box 4545-4700 23955-6900 Thuwal Saudi Arabia	
IV-1	Agent or common representative; or address for correspondence  No agent or common representative is/ has been appointed; the following special address should be used as:	Address for correspondence	
IV-1-1	Name (LAST, First)	COLAPRET, Kay Ann	
IV-1-2	Address	NORTON ROSE FULBRIGHT US LLP 98 San Jacinto Blvd., Suite 1100 Austin, Texas 78701 United States of America	
IV-1-3	Telephone No.	512-474-5201	
IV-1-4	Facsimile No.	512-536-4598	
IV-1-5	e-mail	aoipdocket@nortonrosefulbright.com	
IV-1-5(a	E-mail authorization The receiving Office, the International Searching Authority, the International Bureau and the International Preliminary Examining Authority are authorized to use this e-mail address, if the Office or Authority so wishes, to send notifications issued in respect of this international application:	exclusively in electronic form (no paper notifications will be sent)	
IV-1-6	Agent's registration No.	52,759	

$\overline{\mathbf{v}}$	DESIGNATIONS	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	28 February 2017 (28.02.2017)
VI-1-2	Number	62/464,637
VI-1-3	Country or Member of WTO	us
VI-2	Priority document request	
	The International Bureau is requested to obtain from a digital library a certified copy of the earlier application(s) identified above as item(s), using, where applicable, the access code(s) indicated:	VI-1 Access code: 1071
VI-3	Incorporation by reference :	
	where an element of the international application referred to in Article 11(1) (iii)(d) or (e) or a part of the description, claims or drawings referred to in Rule 20.5(a) is not otherwise contained in this international application but is completely contained in an earlier application whose priority is claimed on the date on which one or more elements referred to in Article 11(1)(iii) were first received by the receiving Office, that element or part is, subject to confirmation under Rule 20.6, incorporated by reference in this international application for the purposes of Rule 20.6.	
VII-1	International Searching Authority Chosen	European Patent Office (EPO) (ISA/EP)
VIII	Declarations	Number of declarations
VIII-1	Declaration as to the identity of the inventor	-
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	2
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-

VIII-2-1	Declaration: Entitlement to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing	In relation to this international application
	date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate:	
		SABIC GLOBAL TECHNOLOGIES B.V. is entitled to apply for and be granted a patent by virtue of the following:
VIII-2-1 (iv)		an assignment from ISIMJAN, Tayirjan Taylor to SABIC GLOBAL TECHNOLOGIES B.V., dated 02 March 2017 (02.03.2017)
VIII-2-1 (iv)		an assignment from IDRISS, Hicham to SABIC GLOBAL TECHNOLOGIES B.V., dated 02 March 2017 (02.03.2017)

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IX	Check list	Number of sheets	Electronic file(s) attached
IX-1	Request (including declaration sheets)	6	✓
IX-2	Description	21	✓
IX-3	Claims	2	✓
IX-4	Abstract	1	✓
IX-5	Drawings	12	✓
IX-7	TOTAL	42	
	Accompanying Items	Paper document(s) attached	Electronic file(s) attached
IX-8	Fee calculation sheet	-	✓
IX-20	Figure of the drawings which should accompany the abstract	1	
IX-21	Language of filing of the international application	English	
IX-22	The receiving Office is requested to make this international application available to the Priority Document Access Service (DAS) (provided that an international application number and international filing date is accorded to this purported international application.)	Yes	
X-1	Signature of applicant, agent or common representative	/Gino Catena/	
X-1-1	Name	SABIC GLOBAL TECHNOLOGIES B.V.	
X-1-2	Name of signatory	Gino Catena	
X-1-3	Capacity (if such capacity is not obvious from reading the request)	Sr. Intellectual Property C	ounsel

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10-1	Date of actual receipt of the purported international application	23 February 2018 (23.02.2018)
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/EP
10-6	Transmittal of search copy delayed until search fee is paid	

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# **PCT REQUEST**

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11-1	Date of receipt of the record copy by	
	the International Bureau	