

**PCT REQUEST**Original (for **SUBMISSION**)

<b>0</b>	<b>For receiving Office use only</b>	
<b>0-1</b>	International Application No.	<b>PCT/US09/43538</b>
<b>0-2</b>	International Filing Date	<b>12-05-2009</b>
<b>0-3</b>	Name of receiving Office and "PCT International Application"	<b>RO/US</b>
<b>0-4</b>	<b>Form PCT/RO/101 PCT Request</b>	
0-4-1	Prepared Using	<b>PCT-SAFE [EASY mode] Version 3.51.038.214 MT/FOP 20090301/0.20.5.15</b>
<b>0-5</b>	<b>Petition</b> The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
<b>0-6</b>	<b>Receiving Office (specified by the applicant)</b>	<b>United States Patent and Trademark Office (USPTO) (RO/US)</b>
<b>0-7</b>	<b>Applicant's or agent's file reference</b>	<b>IR3949PCT</b>
<b>I</b>	<b>Title of Invention</b>	<b>Compositions of Hydrochlorofluoroolefins</b>
<b>II</b>	<b>Applicant</b>	
II-1	This person is	<b>applicant only</b>
II-2	Applicant for	<b>all designated States except US</b>
II-4	Name	<b>ARKEMA INC.</b>
II-5	Address	<b>2000 Market Street Philadelphia, Pennsylvania 19103 United States of America</b>
II-6	State of nationality	<b>US</b>
II-7	State of residence	<b>US</b>
II-8	Telephone No.	<b>215-419-5270</b>
II-9	Facsimile No.	<b>215-419-7075</b>
II-10	e-mail	<b>carol.hill@arkema.com</b>

## PCT REQUEST

Original (for SUBMISSION )

<b>III-1</b>	<b>Applicant and/or inventor</b>	
III-1-1	This person is	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	CHEN, Benjamin B.
III-1-5	Address	3 Berkshire Terrace Wayne, Pennsylvania 19087 United States of America
III-1-6	State of nationality	US
III-1-7	State of residence	US
<b>III-2</b>	<b>Applicant and/or inventor</b>	
III-2-1	This person is	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	BONNET, Philippe
III-2-5	Address	600 Cedar Lane Lower Merion, Pennsylvania 19085 United States of America
III-2-6	State of nationality	FR
III-2-7	State of residence	US
<b>III-3</b>	<b>Applicant and/or inventor</b>	
III-3-1	This person is	applicant and inventor
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	ELSHEIKH, Maher Y.
III-3-5	Address	784 N. Wayne Avenue Wayne, Pennsylvania 19087 United States of America
III-3-6	State of nationality	US
III-3-7	State of residence	US
<b>III-4</b>	<b>Applicant and/or inventor</b>	
III-4-1	This person is	applicant and inventor
III-4-2	Applicant for	US only
III-4-4	Name (LAST, First)	VAN HORN, Brett L.
III-4-5	Address	562 B Street King of Prussia, Pennsylvania 19406 United States of America
III-4-6	State of nationality	US
III-4-7	State of residence	US

## PCT REQUEST

Original (for SUBMISSION )

<b>III-5</b>	<b>Applicant and/or inventor</b>	
III-5-1	This person is	<b>applicant and inventor</b>
III-5-2	Applicant for	<b>US only</b>
III-5-4	Name (LAST, First)	<b>ABBAS, Laurent</b>
III-5-5	Address	<b>1 A Chemin du Torey 69340 Francheville France</b>
III-5-6	State of nationality	<b>FR</b>
III-5-7	State of residence	<b>FR</b>
<b>IV-1</b>	<b>Agent or common representative; or address for correspondence</b>	
	The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	<b>agent</b>
IV-1-1	Name (LAST, First)	<b>BOYD, Steven D.</b>
IV-1-2	Address	<b>ARKEMA INC. 2000 Market Street Philadelphia, Pennsylvania 19103 United States of America</b>
IV-1-3	Telephone No.	<b>215-419-5270</b>
IV-1-4	Facsimile No.	<b>215-419-7075</b>
IV-1-5	e-mail	<b>carol.hill@arkema.com</b>
IV-1-6	Agent's registration No.	<b>31,000</b>
<b>IV-2</b>	<b>Additional agent(s)</b>	<b>additional agent(s) with same address as first named agent</b>
IV-2-1	Name(s)	<b>ROLAND, Thomas F. (42,110); RUDMAN, Gilbert W. (27,589)</b>
<b>V</b>	<b>DESIGNATIONS</b>	
<b>V-1</b>	<b>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.</b>	
<b>VI-1</b>	<b>Priority claim of earlier national application</b>	
VI-1-1	Filing date	<b>12 May 2008 (12.05.2008)</b>
VI-1-2	Number	<b>61/052,285</b>
VI-1-3	Country	<b>US</b>

## PCT REQUEST

Original (for SUBMISSION )

<b>VI-2</b>	<b>Priority document request</b> The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	<b>VI-1</b>	
<b>VI-3</b>	<b>Incorporation by reference :</b> 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.		
<b>VII-1</b>	<b>International Searching Authority Chosen</b>	<b>United States Patent and Trademark Office (USPTO) (ISA/US)</b>	
<b>VIII</b>	<b>Declarations</b>	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	-	
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	-	
<b>IX</b>	<b>Check list</b>	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	<b>5</b>	✓
IX-2	Description	<b>13</b>	-
IX-3	Claims	<b>4</b>	-
IX-4	Abstract	<b>1</b>	✓
IX-5	Drawings	<b>0</b>	-
IX-7	TOTAL	<b>23</b>	

**PCT REQUEST**Original (for **SUBMISSION**)

	<b>Accompanying Items</b>	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	—
IX-18	PCT-SAFE physical media	—	✓
IX-20	<b>Figure of the drawings which should accompany the abstract</b>		
IX-21	<b>Language of filing of the international application</b>	<b>English</b>	
X-1	<b>Signature of applicant, agent or common representative</b>	<b>/Steven D. Boyd, Reg. No. 31,000/</b>	
X-1-1	Name (LAST, First)	<b>BOYD, Steven D.</b>	
X-1-2	Name of signatory		
X-1-3	Capacity		

**FOR RECEIVING OFFICE USE ONLY**

10-1	<b>Date of actual receipt of the purported international application</b>	<b>12-05-2009</b>
10-2	<b>Drawings:</b>	
10-2-1	Received	
10-2-2	Not received	
10-3	<b>Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application</b>	
10-4	<b>Date of timely receipt of the required corrections under PCT Article 11(2)</b>	
10-5	<b>International Searching Authority</b>	<b>ISA/US</b>
10-6	<b>Transmittal of search copy delayed until search fee is paid</b>	

**FOR INTERNATIONAL BUREAU USE ONLY**

11-1	<b>Date of receipt of the record copy by the International Bureau</b>	
------	---	--