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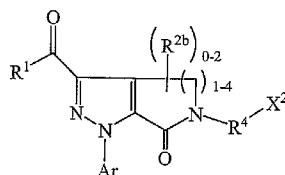
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(54) Title: PREPARATION OF 4,5-DIHYDRO-PYRAZOLO[3,4-C]PYRID-2-ONES



(57) Abstract: A novel process and intermediates thereof for making 4,5-dihydro-pyrazolo[3,4 c]pyrid-2-ones of the type shown below, as well as the corresponding pyrazoles, from appropriate phenyl hydrazines is described. O (R2b) 0-2 R1 I I 1 1-a X² N N -R⁴ IV These compounds can be useful as factor Xa inhibitors.

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INTERNATIONAL SEARCH REPORT

International application No
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<p>A. CLASSIFICATION OF SUBJECT MATTER INV. C07D471/16</p> <p>According to International Patent Classification (IPC) or to both national classification and IPC</p>																	
<p>B. FIELDS SEARCHED</p> <p>Minimum documentation searched (classification system followed by classification symbols) C07D</p> <p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched</p> <p>Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, BEILSTEIN Data, WPI Data, CHEM ABS Data</p>																	
<p>C. DOCUMENTS CONSIDERED TO BE RELEVANT</p> <table border="1"> <thead> <tr> <th>Category*</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>E</td> <td>WO 2006/036926 A (SQUIBB BRISTOL MYERS CO [US]; MUDRYK BOGUSLAW M [US]; CUNIERE NICOLAS) 6 April 2006 (2006-04-06) the whole document</td> <td>1-14</td> </tr> <tr> <td>A</td> <td>WO 03/049681 A2 (BRISTOL-MYERS SQUIBB COMPANY, USA) 19 June 2003 (2003-06-19) the whole document</td> <td>1-14</td> </tr> <tr> <td>A</td> <td>WO 03/047520 A2 (BRISTOL-MYERS SQUIBB COMPANY, USA) 12 June 2003 (2003-06-12) the whole document</td> <td>1-14</td> </tr> <tr> <td>A</td> <td>WO 03/026652 A (SQUIBB BRISTOL MYERS CO [US]; PINTO DONALD [US]; QUAN MIMI [US]; ORWAT) 3 April 2003 (2003-04-03) cited in the application the whole document</td> <td>1-14</td> </tr> </tbody> </table>			Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	E	WO 2006/036926 A (SQUIBB BRISTOL MYERS CO [US]; MUDRYK BOGUSLAW M [US]; CUNIERE NICOLAS) 6 April 2006 (2006-04-06) the whole document	1-14	A	WO 03/049681 A2 (BRISTOL-MYERS SQUIBB COMPANY, USA) 19 June 2003 (2003-06-19) the whole document	1-14	A	WO 03/047520 A2 (BRISTOL-MYERS SQUIBB COMPANY, USA) 12 June 2003 (2003-06-12) the whole document	1-14	A	WO 03/026652 A (SQUIBB BRISTOL MYERS CO [US]; PINTO DONALD [US]; QUAN MIMI [US]; ORWAT) 3 April 2003 (2003-04-03) cited in the application the whole document	1-14
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<p>Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016</p>		<p>Authorized officer</p> <p>Zellner, Armin</p>															

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