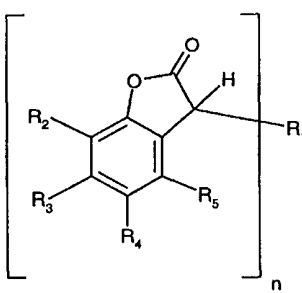
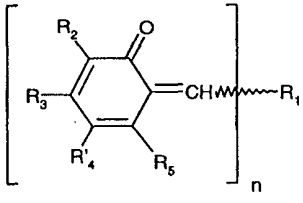




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<p>(51) International Patent Classification ⁶ : C07D 307/83, C07C 49/603</p>	<p>A3</p>	<p>(11) International Publication Number: WO 99/67232</p> <p>(43) International Publication Date: 29 December 1999 (29.12.99)</p>
<p>(21) International Application Number: PCT/EP99/04117</p> <p>(22) International Filing Date: 15 June 1999 (15.06.99)</p> <p>(30) Priority Data: 1355/98 25 June 1998 (25.06.98) CH</p> <p>(71) Applicant (for all designated States except US): CIBA SPECIALTY CHEMICALS HOLDING INC. [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).</p> <p>(72) Inventors; and (75) Inventors/Applicants (for US only): TINKL, Michael [DE/DE]; Schlossweg 3c, D-79639 Grenzach-Wyhlen (DE). EVANS, Samuel [GB/CH]; Route des Charbonnières 17, CH-1723 Marly (CH). NESVADBA, Peter [CH/CH]; Route des Pralettes 83A, CH-1723 Marly (CH).</p> <p>(74) Common Representative: CIBA SPECIALTY CHEMICALS HOLDING INC.; Patentabteilung, Klybeckstrasse 141, CH-4057 Basel (CH).</p>		<p>(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p>Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p> <p>(88) Date of publication of the international search report: 3 February 2000 (03.02.00)</p>
<p>(54) Title: PROCESS FOR THE PREPARATION OF 3-ARYL-BENZOFURANONES</p>		
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>(I)</p> </div> <div style="text-align: center;">  <p>(V)</p> </div> </div>		
<p>(57) Abstract</p> <p>Process for the preparation of compounds of formula (I), wherein the general symbols are as defined in claim 1, which process comprises reacting a compound of formula (V), wherein the general symbols are as defined in claim 1, with carbon monoxide in the presence of a catalyst.</p>		

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 99/04117

A. CLASSIFICATION OF SUBJECT MATTER IPC 6 C07D307/83 C07C49/603				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) IPC 6 C07D C07C				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
X	CHEMICAL ABSTRACTS, vol. 100, no. 18, 30 April 1984 (1984-04-30) Columbus, Ohio, US; abstract no. 149865, BENSON, MABRY ET AL: "Carbon-13 NMR of quinone methides" XP002123897 abstract; figure 105 & ORG. MAGN. RESON. (1984), 22(2), 86-9 , --- -/--	23		
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> <input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. </td> <td style="width: 50%; border: none;"> <input checked="" type="checkbox"/> Patent family members are listed in annex. </td> </tr> </table>			<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.	<input checked="" type="checkbox"/> Patent family members are listed in annex.
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.	<input checked="" type="checkbox"/> Patent family members are listed in annex.			
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Date of the actual completion of the international search <p style="text-align: center; font-size: 1.2em;">25 November 1999</p>		Date of mailing of the international search report <p style="text-align: center; font-size: 1.2em;">14/12/1999</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		Authorized officer <p style="text-align: center; font-size: 1.2em;">Paisdor, B</p>		

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 99/04117

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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X	CHEMICAL ABSTRACTS, vol. 76, no. 23, 5 June 1972 (1972-06-05) Columbus, Ohio, US; abstract no. 140285, BRIESKORN, CARL H. ET AL: "Reactions of naphthols with halomethanes under alkaline conditions" XP002123898 abstract; figure 147 & ARCH. PHARM. (WEINHEIM) (1972), 305(2), 141-8 , ---	23
X	PATENT ABSTRACTS OF JAPAN vol. 017, no. 265 (P-1542), 24 May 1993 (1993-05-24) & JP 05 005913 A (TOSHIBA CORP), 14 January 1993 (1993-01-14) abstract page 10 -page 11; examples ---	23
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PCT/EP 99/04117

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A	PATENT ABSTRACTS OF JAPAN vol. 018, no. 146 (P-1707), 10 March 1994 (1994-03-10) -& JP 05 323600 A (FUJI PHOTO FILM CO LTD), 7 December 1993 (1993-12-07) abstract & JP 05 323601 A (FUJI PHOTO FILM CO LTD) 7 December 1993 (1993-12-07) -----	23

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Information on patent family members

International Application No

PCT/EP 99/04117

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