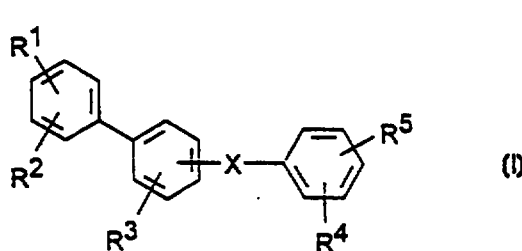


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(21) International application number: PCT/EP99/02457 (22) International filing date: 12 April 1999 (12.04.99) (30) Data relating to the priority: 198 19 548.6 30 April 1998 (30.04.98) DE (71) Applicant (for all designated States except US): MERCK PATENT GMBH [DE/DE]; Frankfurter Strasse 250, D-64293 Darmstadt (DE). (71) Applicant (for all designated States except US): GANTE, Helga (Heir of the late inventor) [DE/DE]; Stormstrasse 4, D-64291 Darmstadt (DE). (72) Inventors: GANTE, Joachim (deceased). (72) Inventors; and (75) Inventors/Applicants (US only): DORSCH, Dieter [DE/DE]; Königsberger Strasse 17a, D-64372 Ober- Ramstadt (DE). JURASZYK, Horst [DE/DE]; Kleiner Ring 14, D-64342 Seeheim (DE). MEDERSKI, Werner [DE/DE]; Am Ohlenberg 29, D-64390 Erzhausen (DE). WURZIGER, Hanns [DE/DE]; Greinstrasse 7b, D-64291 Darmstadt (DE). BUCHSTALLER, Hans-Peter [DE/DE]; Heinrichstrasse 54, D-64331 Weiterstadt (DE). BERNOTAT-DANIELOWSKI,		Sabine [DE/DE]; Leibigstrasse 5, D-61231 Bad Nauheim (DE). MELZER, Guido [AT/DE]; Mörike- strasse 6, D-65719 Hofheim (DE) (74) Joint Representative: MERCK PATENT GMBH; Frankfurter Strasse 250, D-64293 Darmstadt (DE). (81) Designated states: 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). Published With the International Search Report.
(54) Title: BIPHENYL DERIVATIVES (54) Bezeichnung: BIPHENYLDERIVATE As printed  (57) Abstract The invention relates to novel compounds of formula (I), wherein X, R¹, R², R³, R⁴ and R⁵ have the meanings cited in Patent Claim No. 1. Said compounds are inhibitors of the coagulation factor Xa and can be used for prophylaxis and/or for treating thromboembolic disorders. (57) Zusammenfassung Neue Verbindungen der Formel (I), worin X, R¹, R², R³, R⁴ und R⁵ die in Patentanspruch 1 angegebene Bedeutung haben, sind Inhibitoren des Koagulationsfaktors Xa und können zur Prophylaxe und/oder Therapie von thromboembolischen Erkrankungen eingesetzt werden.		