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Bibliographic Information

Process for the total synthesis of galanthamine, analogues and derivatives thereof. Thal, Claude; Guillou, Catherine; Beunard, Jean-Luc; Gras, Emmanuel; Potier, Pierre. (Centre National De La Recherche Scientifique (CNRS), Fr.). PCT Int. Appl. (2002), 46 pp. CODEN: PIXXD2 WO 0102803 A1 20021227 Designated States W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, 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, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM Designated States RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, ML, MR, NE, SN, TD, TG. Patent written in French. Application: WO 2002-FR2045 20020614. Priority: FR 2001-7859. CAN 138:39446 AN 2002:977817 CAPLUS

Patent Family Information

Patent No.	Kind	Date	Application No.	Date
WO 2002102803	A1	20021227	WO 2002-FR2045	20020614
			W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, 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, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM	
			RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG	
FR 2826005	A1	20021220	FR 2001-7859	20010615
<u>Priority Application</u>				
FR 2001-7859	A	20010615		

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The 20021227 is the date of publication of the patent. This is a WIPO publication and the full number would include the last two digits of the year. Via Espacenet, it would be searched as WO 020102803.

The date 20020614 is the filing (application) date, the date at which the applicant, CNRS, has submitted the patent document to the WIPO office.

FR 2001-7859 is the number of the application CNRS made for this patent for the very first time in France

In the Patent Family session, you find the EQUIVALENT published French Patent Application under number FR 2826005 which is published on 20021220 and it was received by the French patent office on 20010615. The first application date, in this case June 15, 2001, is the priority date and this controls the validity of the patent. If someone wants to destroy the validity of the patent, they would have to find a publication prior to this date, to show it isn't new.

Thanks to Paul Peters, Chemical Abstracts and Robert Austin, FIZ Karlsruhe for the information provided.