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(21) International Application Number: PCT/EP97/06679 (22) International Filing Date: 21 November 1997 (21.11.97) (30) Priority Data: 96203305.6 25 November 1996 (25.11.96) EP (34) Countries for which the regional or international application was filed: NL et al. (71) Applicant (for all designated States except AU BB CA GB IE KE LK LS MN MW NZ SD SG SZ TT UG): UNILEVER N.V. [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL). (71) Applicant (for AU BB CA GB IE KE LK LS MN MW NZ SD SG SZ TT UG only): UNILEVER PLC [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB). (72) Inventors: CONVENTS, Daniel; Unilever Research Vlaardingen Lab., Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL). VAN DRUNEN, Rudolf, Willem, Pieter; Unilever Research Vlaardingen Lab., Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL). VERRIPS, Cornelis, Theodorus; Unilever Research Vlaardingen Lab., Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).		(74) Agent: UNILEVER N.V.; Patent Division, P.O. Box 137, NL-3130 AC Vlaardingen (NL). (81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, 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, UZ, VN, YU, ZW, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). 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> (88) Date of publication of the international search report: 8 October 1998 (08.10.98)
(54) Title: ENZYMATIC OXIDATION PROCESS		
(57) Abstract <p>There is provided an enzymatic oxidation process wherein a substance which is to be oxidised is reacted with (a) an enzyme exhibiting peroxidase activity and a source of hydrogen peroxide or an enzymes exhibiting oxidase activity on phenolic compounds and (b) a compound which enhances the oxidation activity of the enzyme, characterized in that the compound specifically binds the substance which is to be oxidized. Furthermore, there is provided an enzymatic stain bleaching or anti dye-transfer composition comprising: a) an enzyme exhibiting peroxidase activity and a source of hydrogen peroxide or an enzyme exhibiting oxidase activity on phenolic compounds and (b) a compound which enhances the oxidation activity of the enzyme and which is capable of binding selectively to a stain chromophore or textile dye in solution.</p>		

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A. CLASSIFICATION OF SUBJECT MATTER IPC 6 C11D3/386 C11D3/39		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
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C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 96 10079 A (NOVO NORDISK A/S) 4 April 1996	1,2,7-10
A	see the whole document ---	3-6
X	WO 96 06930 A (NOVO NORDISK A/S) 7 March 1996	1,2,7,9, 10
A	see page 4 - page 9; claims ---	3-6,8
X	WO 95 01426 A (NOVO NORDISK A/S) 12 January 1995 cited in the application see claims 1-5 ---	1,2,9,10
X	WO 94 12619 A (NOVO NORDISK A/S) 9 June 1994 cited in the application see claims 1-12; example 1 ---	1,2,9,10
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Date of the actual completion of the international search <div style="text-align: center; font-weight: bold;">31 July 1998</div>	Date of mailing of the international search report <div style="text-align: center; font-weight: bold;">11/08/1998</div>	
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 <div style="text-align: center; font-weight: bold;">Serbetsoglou, A</div>	

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