

**PCT**WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C12N 9/74	A1	(11) International Publication Number: WO 97/04081 (43) International Publication Date: 6 February 1997 (06.02.97)
(21) International Application Number: PCT/AU96/00457 (22) International Filing Date: 22 July 1996 (22.07.96) (30) Priority Data: PN 4369 24 July 1995 (24.07.95) AU (71) Applicant (for all designated States except US): CSL LIMITED [AU/AU]; 45 Poplar Road, Parkville, VIC 3052 (AU). (72) Inventors; and (75) Inventors/Applicants (for US only): OATES, Adrian, Malcolm [AU/AU]; 11 Ann Street, Prahan, VIC 3181 (AU). KUPCZYK, Malgorzata [AU/AU]; 106 Kinterbury Drive, St. Albans, VIC 3021 (AU). KANELLOS, Jerry [AU/AU]; 27 Myrtle Street, Clifton Hill, VIC 3068 (AU). (74) Agents: SLATTERY, John, Michael et al.; Davies Collison Cave, 1 Little Collins Street, Melbourne, VIC 3000 (AU).	(81) Designated States: AU, CA, JP, KR, NZ, SG, US, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>	
(54) Title: METHOD FOR THE PRODUCTION OF THROMBIN (57) Abstract A method for the preparation of thrombin from a prothrombin-containing material is characterised in that the prothrombin-containing material is an activated prothrombin complex concentrate (ActPCC) fraction, which is contacted with divalent cations to convert the prothrombin to thrombin.		