

Title (en)  
HOMOCONJUGATED IMMUNOGLOBULINS

Publication  
**EP 0547137 A4 19931208 (EN)**

Application  
**EP 91916502 A 19910829**

Priority  
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Abstract (en)  
[origin: WO9204053A1] Homoconjugated antibodies with high avidity for antigen have increased therapeutic activities and are utilized in pharmaceutical and diagnostic compositions. The homoconjugates, typically prepared from monoclonal antibodies of the IgG class which bind to the same antigenic determinant, are covalently linked by synthetic cross-linking. The homoconjugates are comprised of at least two immunoglobulin monomers so as to provide an IgG-like molecule which is tetravalent, hexavalent or more for the selected antigen. The homoconjugates are able to cross the placenta. Methods of treatment using these homoconjugates are also provided.

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**C12P 21/08**

IPC 8 full level  
**A61K 39/395** (2006.01); **A61K 47/48** (2006.01); **C07K 16/00** (2006.01); **C07K 16/30** (2006.01); **A61K 38/00** (2006.01)

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**A61K 38/00** (2013.01 - EP); **C07K 2317/734** (2013.01 - EP)

Citation (search report)  
• [Y] WO 8601806 A1 19860327 - TECHNOLOGY LICENCE CO LTD [GB]  
• [XP] WO 9106305 A1 19910516 - BRISTOL MYERS SQUIBB CO [US]  
• [A] THE JOURNAL OF IMMUNOLOGY vol. 140, 1988, BALTIMORE,USA pages 2779 - 2785 PINCUS ET AL 'PROTECTIVE EFFICACY OF IGM MONOCLONAL ANTIBODIES IN EXPERIMENTAL GROUP B STREPTOCOCCAL INFECTION IS A FUNCTION OF ANTIBODY AVIDITY'  
• See references of WO 9204053A1

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FI 930846 A0 19930225; FI 930846 A 19930405; IE 913071 A1 19920311; IL 99363 A0 19920818; JP H06500780 A 19940127;  
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IE 307191 A 19910830; IL 9936391 A 19910901; JP 51514491 A 19910829; KR 930700605 A 19930227; NZ 23961791 A 19910830;  
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