

Title (en)  
METHOD OF USING LECTINS FOR CONTRACEPTION AND PROPHYLAXIS AGAINST DISEASES TRANSMITTABLE BY SEXUAL CONTACT AND CONDOM CONTAINING LECTINS

Title (de)  
VERFAHREN ZUR VERWENDUNG VON LECTINEN ZUR GEBURTENKONTROLLE UND ZUR VORBEUGUNG GEGEN DURCH SEXUELLEN KONTAKT ÜBERTRAGBARE KRANKHEITEN UND LECTINE ENTHALTENDES KONDOM

Title (fr)  
PROCEDE D'UTILISATION DE LECTINES A DES FINS CONTRACEPTIVES ET PROPHYLACTIQUES CONTRE DES MALADIES SEXUELLEMENT TRANSMISSIBLES ET PRESERVATIF COMPRENANT DES LECTINES

Publication  
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Application  
**EP 00941340 A 20000612**

Priority  
US 0016047 W 20000612

Abstract (en)  
[origin: WO0195951A1] In order to prevent conception and/or infection by sexually transmitted diseases (STDs) one or more lectins capable of binding sperm or agglutinable components of male ejaculate and/or the pathogenic microorganisms responsible for STDs or the carbohydrate moieties expressed on cell surfaces by which the microorganisms bind to the cells, are administered to the vagina prior to sexual intercourse. The lectins prevent conception by binding to the sperm or agglutinable components of male ejaculate to render the sperm incapable of fertilization. They also bind to the pathogenic microorganisms to render them non-pathogenic or to carbohydrates expressed on cell surfaces to prevent infection by the microorganisms or treat such infections. Lectins can also be administered to treat sexually transmitted vaginal infections. The lectins can also be applied to or contained within a condom. The condom may carry the lectins either within the hollow interior or the condom or impregnated into, linked to, or coated upon its membrane body. Lectins may also be incorporated in the same way into a surgical glove for protection against infection by pathogenic microorganisms.

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Citation (search report)  

- [A] WO 9509641 A1 19950413 - LECTIN BIOPHARMA INC [US]
- [A] FR 2696319 A1 19940408 - BERQUE JEAN [FR]
- [A] WO 9318650 A1 19930930 - UNIV COLUMBIA [US]
- See references of WO 0195951A1

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