

Title (en)  
USING LECTINS FOR CONTRACEPTION, PROPHYLAXIS AND THERAPY

Title (de)  
VERWENDUNG VON LEKTINEN ZUR KONTRAZEPTION, PROPHYLAXE UND BEHANDLUNG

Title (fr)  
UTILISATION DE LECTINES POUR LA CONTRACEPTION, LA PROPHYLAXIE ET LA THERAPIE

Publication  
**EP 0725647 A4 20030122 (EN)**

Application  
**EP 94930003 A 19941003**

Priority  
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• US 13019093 A 19931001

Abstract (en)  
[origin: WO9509641A1] In order to prevent conception and/or the spread of sexually transmitted diseases (STD's) one or more lectins capable of binding sperm and/or the pathogenic microorganisms responsible for STD's are administered to the vagina prior to sexual intercourse. The lectins immobilize the sperm to render them incapable of fertilization and also bind to the microorganisms to render them non-pathogenic or to the cells to prevent infection by the microorganisms. Lectins can also be administered to treat sexually transmitted vaginal infections. The invention also encompasses a device to be placed in the vault of the vagina which comprises a ring which surrounds the cervix and a membrane spanning the central aperture of the ring to prevent the direct contact of ejaculate with the cervical tissues. The device is impregnated or coated with lectins and releases them into the vaginal environment over a period of time.

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IPC 8 full level  
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Citation (search report)  
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• [XA] WO 9222574 A1 19921223 - INST NAT SANTE RECH MED [FR]  
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• See references of WO 9509641A1

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