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(54) Title: LACTIC ACID PRODUCING BACTERIA FOR USE AS PROBIOTIC ORGANISMS IN THE HUMAN VAGINA

(57) Abstract: The present invention discloses novel isolated strains of lactic acid producing bacteria of the genera Lactobacillus and Pediococcus, and a method for isolation of such bacterial strains, having the ability to colonise and become established in a human vagina, even during menstrual discharge. Furthermore, a composition comprising said bacterial strains and a sanitary article comprising said bacterial strains, such as a tampon, for prophylaxis and/or treatment of infections of the urogenital tract, are described. The present invention also describes a method for prophylaxis and/or treatment of infections of the urogenital tract, wherein at least one of said bacterial strains are administered vaginally.