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[54] ADHESION OF MYCOPLASMA PNEUMONIAE AND MYCOPLASMA HOMINUS TO SULFATIDE

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[58] **Field of Search** 536/112, 4.1; 514/59, 514/54, 25; 435/800, 870, 176, 177, 182, 101, 103

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[57] **ABSTRACT**

The invention is a carbohydrate receptor for *Mycoplasma pneumoniae* and *Mycoplasma hominus* and its use to detect mycoplasma in biological fluids and diseased tissue and cells. The receptor can be included in a composition having a pharmaceutically acceptable carrier. Methods are provided for purifying, detecting, or removing mycoplasma from diseased tissue or fluids. The receptor includes sulfatides, dextran sulfate, sialyloligosaccharides, and mixtures thereof.

11 Claims, 9 Drawing Sheets