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(54) **SEPARATIONS METHOD FOR POLAR MOLECULES**

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(58) **Field of Search** 210/670, 679, 210/690, 691, 908

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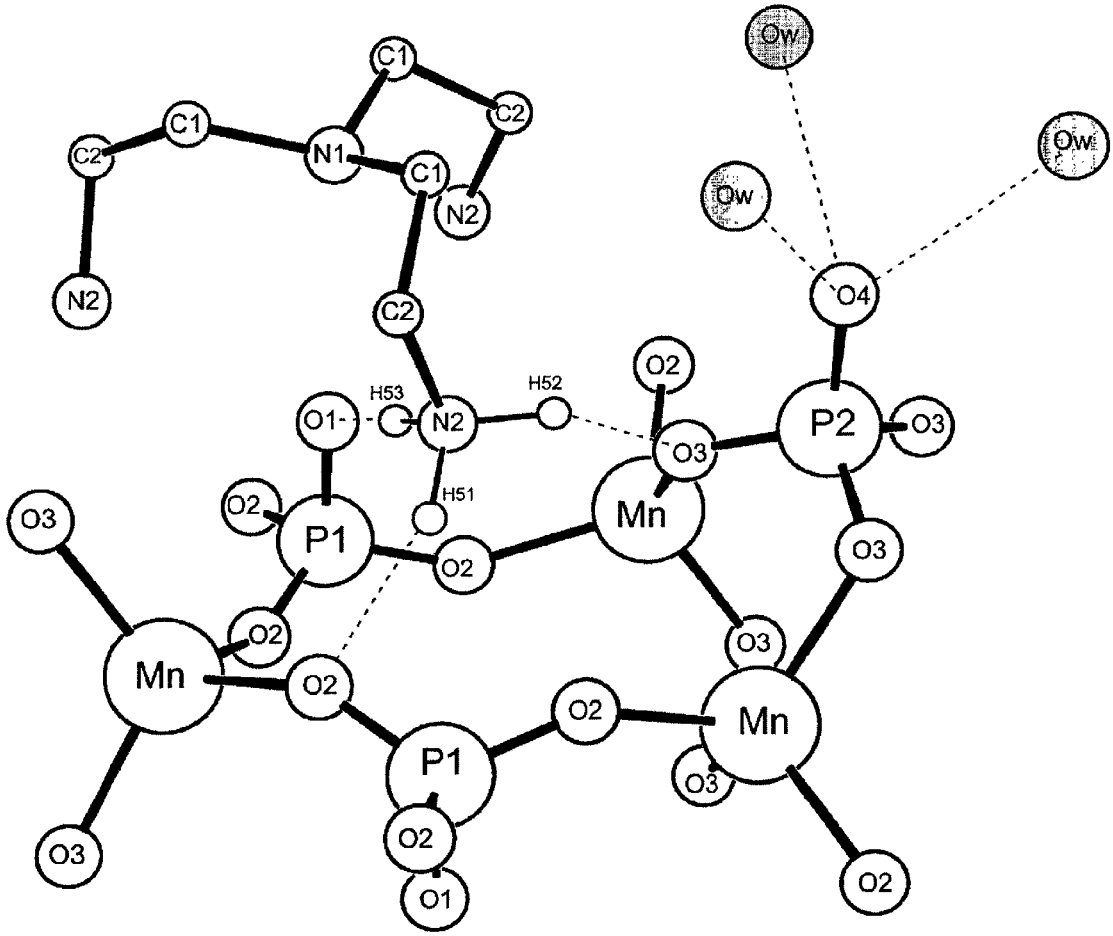
(57) **ABSTRACT**

A method for separating at least one compound from a liquid mixture containing different compounds where anew crystalline manganese phosphate composition with the formula $Mn_3(PO_4)_4.2(H_3NCH_2CH_2)_3N.6(H_2O)$ is dispersed in the liquid mixture, selectively intercalating one or more compounds into the crystalline structure of the $Mn_3(PO_4)_4.2(H_3NCH_2CH_2)_3N.6(H_2O)$.

19 Claims, 2 Drawing Sheets