

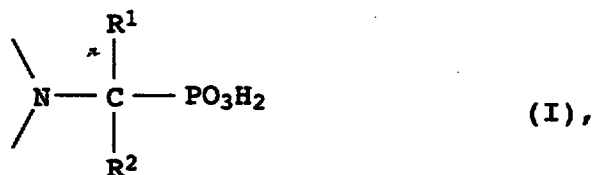
Use of hydrocarbon-soluble aminomethylenephosphonic acid derivatives for the solvent extraction of iron ions from aqueous solutions

5

Abstract

Hydrocarbon-soluble aminomethylenephosphonic acid derivatives comprising the structural element of the formula I

10



15

where R¹ and R² are hydrogen, C₁-C₃₀-alkyl which can additionally bear up to 15 hydroxyl groups and/or be interrupted by up to 14
20 non-adjacent oxygen atoms, C₂-C₃₀-alkenyl, C₇-C₁₈-aralkyl or C₆-C₁₄-aryl which may be substituted by up to three C₁-C₁₂-alkyl groups, C₁-C₁₂-alkoxy groups, halogen atoms, cyano groups, hydroxyl groups or C₁-C₄-alkoxycarbonyl groups, for the solvent extraction of iron ions from aqueous solutions.

25

30

35

40

45