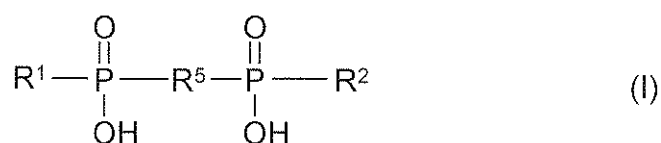


Abstract

Mixtures of diphosphinic acids and dialkylphosphinic acids, a process for preparation thereof and use thereof

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The invention relates to mixtures of at least one diphosphinic acid of the formula (I)

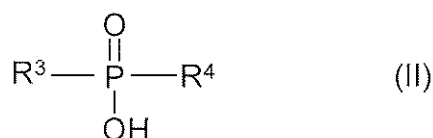


10 in which

R^1, R^2 are the same or different and are each independently H, C_1 - C_{18} -alkyl, C_2 - C_{18} -alkenyl, C_6 - C_{18} -aryl, C_7 - C_{18} -alkylaryl,

R^5 is C_1 - C_{18} -alkylene, C_2 - C_{18} -alkenylene, C_6 - C_{18} -arylene, C_7 - C_{18} -alkylarylene

15 with at least one dialkylphosphinic acid of the formula (II)



in which

R^3, R^4 are the same or different and are each independently C_1 - C_{18} -alkyl, C_2 - C_{18} -alkenyl, C_6 - C_{18} -aryl and/or C_7 - C_{18} -alkylaryl.

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The invention also relates to a process for preparing these mixtures and to the use thereof.