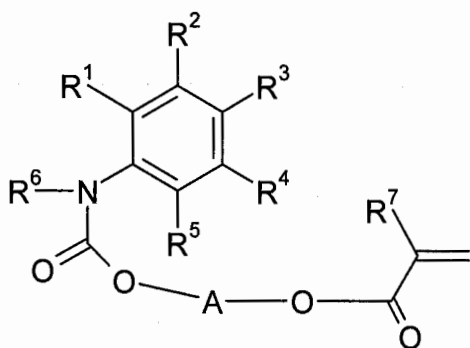


ABSTRACT OF THE DISCLOSURE

Phenyl Isocyanate-Based Urethane Acrylates, Processes for Producing and Methods of Using the Same

Urethane acrylates of the general Formula (I), corresponding salts, solvates or solvates of a salt thereof:



Formula (I)

wherein R¹, R², R³, R⁴ and R⁵ each independently represent a substituent selected from the group consisting of hydrogen, halogens, C₁₋₆-alkyls, trifluoromethyl, C₁₋₆-alkylthios, C₁₋₆-alkylselenos, C₁₋₆-alkyltelluros, and nitro groups, with the proviso that at least one of R¹, R², R³, R⁴ and R⁵ is not hydrogen; R⁶ and R⁷ each independently represent a substituent selected from the group consisting of hydrogen and C₁₋₆-alkyls; and A represents a saturated or unsaturated or linear or branched C₁₋₆-alkyl radical or a polyalkylene oxide radical having 2-6 ethylene oxide or propylene oxide units; processes for producing and methods of using the same.

Figure 1