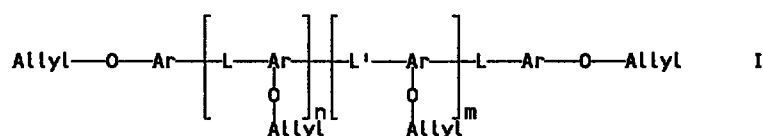


A B S T R A C TPHENOLIC ALLYL ETHER CROSS-LINKING AGENTS

Novel phenolic allyl ether is provided of the formula I



in which Ar is a C₆₋₂₀ aromatic moiety, L is a divalent cyclohexanenorbornane linking moiety, L' is a divalent cycloaliphatic moiety, Allyl is CH₂=CH-CH₂-, and each of m and n is a number from 0 to 10. Such phenolic allyl ethers include the reaction product of allyl halide with the product of the addition reaction of a phenol and a cyclohexenenorbornene compound such as 5-(3-cyclohexen-1-yl)bicyclo[2.2.1]hept-2-ene. The resulting phenolic allyl ether resins are useful as processing agents for polymaleimides.