

Title (en)
NOVEL FLAME RETARDANT PLASTICIZERS

Title (de)
FLAMMHEMMENDE WEICHMACHER

Title (fr)
NOUVEAUX PLASTIFIANTS IGNIFUGES

Publication
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Application
EP 98930430 A 19980618

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• US 9812871 W 19980618
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Abstract (en)
[origin: WO9857920A2] The present invention provides novel esters synthesized from organic alcohols and tetrahalophthalic anhydride or tetrahalophthalic acid, processes to make such esters, and novel uses of these esters. The invention provides three Groups of dialkyltetrahalophthalate compositions which exhibit surprisingly advantageous features, including excellent plasticizing functionality and low smoke generation. The esters may be symmetrical, in that both alcohols of the ester are the same, or they may be unsymmetrical with both alcohols of the derived phthalate ester different, or they may be mixtures of symmetrical and unsymmetrical esters. Inventive esters are useful as flame-retardant plasticizers in PVC or other polymeric systems.

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