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(54) Title: POLYMERIC BROMINATED FLAME RETARDANT COMPOSITION FOR USE IN WIRE AND/OR CABLE

(57) Abstract: This invention relates to flame retardant compositions and to polymeric brominated flame retardant compositions for use in wire and/or cable. This invention further relates to a process for forming a flame retardant composition comprising a first step comprising of combining at least one polymeric composition; at least one synergist; at least one brominated flame retardant wherein the brominated flame retardant contains aromatically-bound bromine and is selected from a) brominated styrenic polymers which have weight average molecular weights of about 650 to about 75,000 and, and/or b) a brominated anionic chain transfer vinyl aromatic polymer which contains about 70 wt% or more bromine; and at least one silanol catalyst; a second step of extruding the mixture of the first step to coat a wire and/or cable; and a third step of exposing the mixture of the first step to either or both elevated temperature.



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