

Title (en)

Polymers containing polyalkylpiperidines and use thereof as stabilizers.

Title (de)

Polyalkylpiperidinreste enthaltende Polymere und deren Verwendung als Stabilisatoren.

Title (fr)

Polymères contenant des groupements polyalkylpiperidine et leur utilisation comme stabilisants.

Publication

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Application

**EP 78100573 A 19780802**

Priority

JP 9480877 A 19770808

Abstract (en)

Polymers containing polyalkylpiperidines and use thereof as stabilizers for synthetic polymer compositions are described. In said polymers, sterically hindered polyalkylpiperidines are linked in the main chain via bridging members containing 2-hydroxy-1,3- trimethylene groups, or derivatives thereof. The polymers are distinguished by an improved stabilizing effect in various synthetic polymer compositions, such as polyolefins, against light- and/or heat-induced deterioration thereof. The polyalkylpiperidine-containing polymers of the invention are hardly volatile upon heat-processing or during storage of shaped articles containing said polymers, and are resistant to extraction with solvents.

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IPC 8 full level

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