

Title (en)

Phosphate ester compositions and process for preparing them.

Title (de)

Phosphatester Zusammensetzungen und Verfahren zu deren Herstellung.

Title (fr)

Compositions d'esters phosphoriques et leur procédé de préparation.

Publication

EP 0000240 A1 19790110 (EN)

Application

EP 78300009 A 19780601

Priority

- AU 3774578 A 19780704
- GB 2541677 A 19770617

Abstract (en)

Flame retarding and plasticizing compositions for vinyl-chloride polymers comprising (i) a first phosphat ester component containing at least one C6-12 alkyl diphenyl phosphate and (ii) triphenyl phosphate having proportions of (i) to (ii) in the range of 1.8:1 to 5.5:1 are stable homogeneous liquids at low temperatures when prepared by a process in which a phosphorus oxyhalide is reacted with an excess of an alkali metal phenate to form a mixture containing triphenyl phosphate and alkali metal phenate, and the alkali metal phenate in that mixture is reacted with a C6-12 alkyl phosphordichloride.

IPC 1-7

C08K 5/52; **C07F 9/00**

IPC 8 full level

C07F 9/12 (2006.01); **C07F 9/14** (2006.01); **C07F 9/42** (2006.01); **C08K 5/523** (2006.01)

CPC (source: EP)

C07F 9/12 (2013.01); **C07F 9/14** (2013.01); **C07F 9/42** (2013.01); **C08K 5/52** (2013.01); **C08K 5/523** (2013.01)

Citation (search report)

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