

Title (en)

FIRE-RESISTANT POLYSTYRENE MOULDINGS WHICH INCLUDE A NITROGEN AND BROMINE HETEROCYCLIC COMPOUND, AND THEIR APPLICATIONS

Publication

EP 0000730 B1 19811223 (DE)

Application

EP 78100501 A 19780726

Priority

DE 2734926 A 19770803

Abstract (en)

[origin: US4158086A] A flameproof thermoplastic molding material based on a styrene polymer and containing from 0.05 to 5 percent by weight of an organic bromine compound as the flameproofing agent, with or without a blowing agent, wherein the bromine compound contains a heterocyclic ring, comprising the group <IMAGE> IN ITS MOLECULE, AND IS HEAT-STABLE UP TO AT LEAST 150 DEG C. The preferred bromine compound has the formula <IMAGE> The molding materials may be used for the manufacture of self-extinguishing moldings, eg. foam moldings.

IPC 1-7

C08L 25/04; **C08K 5/34**; **C08J 9/00**

IPC 8 full level

C08J 9/00 (2006.01); **C08K 5/16** (2006.01); **C08K 5/17** (2006.01); **C08L 25/00** (2006.01); **C08K 5/34** (2006.01); **C08K 5/3492** (2006.01); **C08L 7/00** (2006.01); **C08L 21/00** (2006.01); **C08L 23/00** (2006.01); **C08L 25/04** (2006.01); **C08L 33/00** (2006.01); **C08L 33/02** (2006.01); **C08L 51/00** (2006.01); **C08L 51/02** (2006.01); **C08L 101/00** (2006.01)

CPC (source: EP US)

C08K 5/3492 (2013.01 - EP US); **Y10S 260/24** (2013.01 - EP US); **Y10S 521/907** (2013.01 - EP US)

C-Set (source: EP US)

C08K 5/3492 + **C08L 25/04**

Designated contracting state (EPC)

BE CH DE FR GB NL SE

DOCDB simple family (publication)

EP 0000730 A1 19790221; **EP 0000730 B1 19811223**; CA 1107899 A 19810825; DE 2734926 A1 19790222; DE 2861450 D1 19820211; IT 1109429 B 19851216; IT 7850556 A0 19780801; JP S5428354 A 19790302; US 4158086 A 19790612

DOCDB simple family (application)

EP 78100501 A 19780726; CA 308634 A 19780802; DE 2734926 A 19770803; DE 2861450 T 19780726; IT 5055678 A 19780801; JP 9372778 A 19780802; US 92881478 A 19780728