Title (en)

FIRE RESISTANT POLYCARBONATE MOULDING COMPOSITIONS COMPRISING UV-ABSORBERS AND SHOWING A SMALL REDUCTION OF MOLECULAR WEIGHT UPON PROCESSING

Title (de)

FLAMMHEMMEND AUSGESTATTETE, UV-GESCHÜTZTE POLYCARBONATFORMMASSEN MIT GERINGEM MOLEKULARGEWICHTSABBAU

Title (fr)

MASSES À MOULER IGNIFUGES ET PROTÉGÉES CONTRE LES RAYONS UV À BASE DE POLYCARBONATE AVEC UNE BASSE RÉDUCTION DE POIDS MOLÉCULAIRE PENDANT SA FABRICATION

Publication

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Application

EP 11778593 A 20111103

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Abstract (en)

[origin: WO2012059531A1] The invention relates to flameproofed UV-resistant polycarbonate molding materials having a good melt stability and a high fraction of free, reactive UV absorbers, wherein the polycarbonate compositions contain A) at least one polycarbonate having an average molecular weight M^{-}_{w} from 18,000 to 40,000, B) at least one organic flameproofing agent comprising diphenyl sulfone, alkali or alkaline-earth diphenyl sulfone sulfonate, and alkali or alkaline-earth diphenyl sulfone disulfonate, and C) one or more reactive UV absorbers, and wherein B) comprises diphenyl sulfone in a fraction from 1.10 wt % to 2.50 wt %, relative to the total mass of the component B).

IPC 8 full level

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Citation (search report)

See references of WO 2012059531A1

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