

Title (en)  
FLAME-PROOFED, UV-PROTECTED POLYCARBONATE MOLDING COMPOUNDS HAVING LOW MOLECULAR WEIGHT DEGRADATION

Title (de)  
FLAMMWIDRIGE, UV-GESCHÜTZTE POLYCARBONATFORMMASSEN MIT GERINGEM MOLEKULARGEWICHTSABBAU

Title (fr)  
MATIÈRES MOULABLES EN POLYCARBONATE PROTÉGÉES CONTRE LES UV ET IGNIFUGES, AYANT UN POIDS MOLÉCULAIRE À FAIBLE DÉGRADATION

Publication  
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Application  
**EP 11778591 A 20111103**

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Abstract (en)  
[origin: WO2012059528A1] The invention relates to flame-proofed, UV-resistant polycarbonate molding compounds, having improved flame retardance and a low incorporation of the UV absorber in the polymer chain and a resulting higher relative viscosity as compared with the polycarbonates having an increased incorporation of UV absorbers, wherein the polycarbonate compositions contain A) at least one polycarbonate having an average molecular weight (a) of 18,000 to 40,000 g/mol, B) one or more reactive UV absorbers, and C) at least one alkali salt or alkaline earth salt of a fluorinated organic acid, and C) has a portion of free sulfate of less than 0.007 wt.% and a content of free fluoride of less than 0.017 wt.%, in each case relative to the mass of C).

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