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

EP 2635636 A1 20130911 (DE)

Application

EP 11778591 A 20111103

Priority

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- EP 2011069289 W 20111103
- EP 11778591 A 20111103

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).

IPC 8 full level

C08L 69/00 (2006.01); **C08K 5/3475** (2006.01); **C08K 5/3492** (2006.01); **C08K 5/42** (2006.01)

CPC (source: EP KR US)

C08K 5/3475 (2013.01 - EP KR US); **C08K 5/3492** (2013.01 - EP KR US); **C08K 5/42** (2013.01 - EP KR US); **C08L 69/00** (2013.01 - KR)

Citation (search report)

See references of WO 2012059528A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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