

Title (en)

HIGH HEAT, FLAME RETARDANT COMPOSITIONS FOR THIN WALL APPLICATIONS

Title (de)

HOCHGRADIG HITZEBESTÄNDIGE FLAMMHEMMENDE ZUSAMMENSETZUNGEN FÜR DÜNNE WÄNDE

Title (fr)

COMPOSITIONS IGNIFUGES À CHALEUR ÉLEVÉE POUR APPLICATIONS À DES PAROIS MINCES

Publication

EP 4021971 A1 20220706 (EN)

Application

EP 20775406 A 20200828

Priority

- US 201962894044 P 20190830
- IB 2020058062 W 20200828

Abstract (en)

[origin: WO2021038517A1] A flame retardant polycarbonate composition comprising: 60.0-99.9 weight percent of a poly(carbonate-bisphenol phthalate ester) comprising 1-50 weight percent of aromatic carbonate units and 50-99 weight percent of bisphenol phthalate ester units, each based on the sum of the weight of the carbonate units and the bisphenol phthalate ester units; 0.1-0.5 weight percent of a C1-16 alkyl sulfonate salt flame retardant; 0-30.0 weight percent of a homopolycarbonate; wherein a molded sample of the flame retardant polycarbonate composition has improved thermal and flammability performance.

IPC 8 full level

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

CPC (source: EP)

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Citation (search report)

See references of WO 2021038517A1

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