

## Title (en)

FLAME-RETARDANT PHOSPHOR-FUNCTIONAL POLYETHER CARBONATE POLYOLS AND METHOD FOR PRODUCTION THEREOF

## Title (de)

FLAMMGESCHÜTZTE PHOSPHORFUNKTIONELLE POLYETHERCARBONATPOLYOLE UND VERFAHREN ZU DEREN HERSTELLUNG

## Title (fr)

POLYÉTHERCARBONATEPOLYOLS IGNIFUGES À FONCTIONNALITÉ PHOSPHORE ET PROCÉDÉ POUR LEUR PRÉPARATION

## Publication

**EP 3606974 A1 20200212 (DE)**

## Application

**EP 18713977 A 20180403**

## Priority

- EP 17165056 A 20170405
- EP 2018058425 W 20180403

## Abstract (en)

[origin: WO2018185069A1] The invention relates to a method for producing a phosphor-functional polyether carbonate polyol, wherein a polyether carbonate polyol having unsaturated groups is reacted with a phosphor-functional compound according to formula (Ia), formula (Ia), wherein X = O, S; R1 and R2 is selected from the group comprising C1-C22 alkyl, C1-C22 alkoxy, C1-C22 alkylsulfanyl, C6-C70 aryl, C6-C70 aryloxy, C6-C70 arylsulfanyl, C7-C70 aralkyl, C7-C70 aralkyloxy, C7-C70 aralkylsulfanyl, C7-C70 alkyl, C7-C70 alkylaryloxy, C7-C70 alkylarylsulfanyl, or wherein R1 and R2 are bridged directly and/or by means of heteroatoms and are selected from the group comprising C1-C22 alkylene, oxygen, sulfur, or NR5, wherein R5 is hydrogen, C1-C22 alkyl, C1-C22 acyl, C7-C22 aralkyl, or C6-C70 aryl radical.

## IPC 8 full level

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## Citation (search report)

See references of WO 2018185069A1

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