

Title (en)

INITIATOR MIXTURE, COMPOSITION, THE USE THEREOF, POLYOL POLYMER PREPARATION METHOD, AND POLYOL POLYMER OBTAINED BY THE METHOD

Title (de)

INITIATORMISCHUNG, ZUSAMMENSETZUNG, VERWENDUNG DAVON, POLYOLPOLYMERHERSTELLUNGSVERFAHREN UND DURCH DAS VERFAHREN GEWONNENES POLYOLPOLYMER

Title (fr)

MELANGE D'INITIAUTEURS, COMPOSITION, LEUR UTILISATION, PROCEDE DE PREPARATION D'UN POLYMERÉE POLYOL ET POLYMERÉE POLYOL OBTENU PAR LE PROCEDE

Publication

EP 3350230 A1 20180725 (FR)

Application

EP 16781503 A 20160916

Priority

- FR 1558808 A 20150918
- FR 2016052357 W 20160916

Abstract (en)

[origin: WO2017046544A1] The present invention relates to an initiator mixture, a composition, the use thereof, a polyol polymer preparation method, and a polyol polymer obtained by the method. The initiator mixture includes: a first peroxide of formula (I) R₁-O-O-R₂, in which R₁ and R₂ are, independently, an alkyl group or an alkanoyl group containing 1 to 30 carbon atoms, preferably 3 to 20 carbon atoms, and even more preferably 4 to 20 carbon atoms, and a second peroxide of formula (II) R₃-O-O-R₄-O-O-R₅, in which R₃ and R₅ are, independently, an alkyl group containing 1 to 30 carbon atoms, preferably 3 to 20 carbon atoms, and even more preferably 5 to 10 carbon atoms, and R₄ is a cycloalkylene group containing 3 to 30 carbon atoms, preferably 4 to 20 carbon atoms, and even more preferably 5 to 10 carbon atoms.

IPC 8 full level

C08F 4/38 (2006.01); **C08F 2/38** (2006.01); **C08F 283/06** (2006.01); **C08J 3/24** (2006.01)

CPC (source: EP KR US)

C08F 2/38 (2013.01 - EP KR US); **C08F 2/44** (2013.01 - KR); **C08F 4/38** (2013.01 - EP KR US); **C08F 212/08** (2013.01 - KR); **C08F 220/44** (2013.01 - KR); **C08F 283/06** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2017046544A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2017046544 A1 20170323; BR 112017026319 A2 20190514; CN 108026198 A 20180511; CN 108026198 B 20210406;
EP 3350230 A1 20180725; FR 3041347 A1 20170324; FR 3041347 B1 20200214; KR 20180056645 A 20180529; MX 2018002777 A 20180413;
US 10882941 B2 20210105; US 2018258211 A1 20180913

DOCDB simple family (application)

FR 2016052357 W 20160916; BR 112017026319 A 20160916; CN 201680054032 A 20160916; EP 16781503 A 20160916;
FR 1558808 A 20150918; KR 20187007067 A 20160916; MX 2018002777 A 20160916; US 201615760261 A 20160916