

Title (en)

COMPOUNDS AND MIXTURES WITH ANTIDEGRADANT AND ANTIFATIGUE EFFICACY AND COMPOSITIONS INCLUDING SAID COMPOUNDS

Title (de)

VERBINDUNGEN UND MISCHUNGEN MIT ABBAU- UND ERMÜDUNGSCHEMMENDER WIRKUNG UND ZUSAMMENSETZUNGEN, EINSCHLIESSLICH DIESER VERBINDUNGEN

Title (fr)

COMPOSÉS ET MÉLANGES PRÉSENTANT UN EFFET PROTECTEUR ET UNE EFFICACITÉ ANTIFATIGUE, ET COMPOSITIONS COMPRENANT LESDITS COMPOSÉS

Publication

EP 3634941 A1 20200415 (EN)

Application

EP 18733019 A 20180517

Priority

- US 201715618281 A 20170609
- US 2018033101 W 20180517

Abstract (en)

[origin: WO2018226373A1] A compound represented by the formula: (I) wherein each R is independently selected from the group consisting of (i) substituted or unsubstituted alkyl with C = 0 to 12 inclusive; wherein X1, X2, X3 and X4 are each independently selected from the group consisting of alkyl, aryl, alkylaryl groups and hydrogen; wherein R1, R2, R3, and R4 are each independently selected from the group consisting of alkyl, aryl, alkylaryl groups and hydrogen; and wherein one of R1 and R2 and one of R3 and R4 may optionally be bridged by a polymethylene group to form a cycloalkyl; wherein when C=0 in R, the combined group R1 R2 is the same as the combined group R3 R4; and wherein when C=1 in R, each of R1, R2, R3, and R4 are hydrogen.

IPC 8 full level

C07C 211/54 (2006.01); **C08K 5/18** (2006.01)

CPC (source: EP KR)

C07C 211/54 (2013.01 - EP KR); **C08K 5/18** (2013.01 - EP KR); **C07C 2601/04** (2017.04 - EP KR); **C07C 2601/08** (2017.04 - EP KR); **C07C 2601/14** (2017.04 - EP KR)

Citation (search report)

See references of WO 2018226373A1

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Designated extension state (EPC)

BA ME

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WO 2018226373 A1 20181213; **WO 2018226373 A8 20190103**; CN 110691769 A 20200114; CN 110691769 B 20230310; EP 3634941 A1 20200415; JP 2020523333 A 20200806; KR 20200017463 A 20200218

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