

Title (en)

USE OF SUBSTITUTED CINNAMIC ACID ESTERS AS STABILISERS FOR ORGANIC MATERIALS, STABILISED ORGANIC MATERIAL, METHOD FOR STABILISING ORGANIC MATERIALS AND SPECIFIC CINAMIC ACID ESTERS

Title (de)

VERWENDUNG VON SUBSTITUIERTEN ZIMTSÄUREESTERN ALS STABILISATOREN FÜR ORGANISCHE MATERIALIEN, STABILISIERTES ORGANISCHES MATERIAL, VERFAHREN ZUR STABILISIERUNG VON ORGANISCHEN MATERIALIEN SOWIE SPEZIFISCHE ZIMTSÄUREESTER

Title (fr)

UTILISATION D'ESTERS D'ACIDE CINNAMIQUE SUBSTITUÉS EN TANT QUE STABILISANTS POUR DES MATÉRIAUX ORGANIQUES, MATÉRIAU ORGANIQUE STABILISÉ, PROCÉDÉ DE STABILISATION DE MATÉRIAUX ORGANIQUES ET ESTERS D'ACIDE CINNAMIQUE SPÉCIFIQUES

Publication

EP 4126810 A1 20230208 (DE)

Application

EP 21713654 A 20210319

Priority

- DE 102020203987 A 20200327
- EP 2021057101 W 20210319

Abstract (en)

[origin: WO2021191078A1] The present invention relates to the use of specific cinnamic acid esters as stabilisers of organic materials, in particular against oxidative, thermal and/or actinic degradation. The invention also relates to a corresponding stabilised organic material. The invention further relates to a method for stabilising organic materials, in which specific cinnamic acid esters are incorporated into the organic material. According to the invention, specific new cinnamic acid esters are also disclosed.

IPC 8 full level

C07C 69/618 (2006.01); **C08K 5/00** (2006.01); **C08K 5/103** (2006.01); **C08K 5/372** (2006.01); **C08K 5/526** (2006.01)

CPC (source: EP KR US)

C07C 69/732 (2013.01 - EP KR); **C07C 69/734** (2013.01 - EP KR US); **C07C 69/736** (2013.01 - US); **C08K 5/005** (2013.01 - EP KR US); **C08K 5/103** (2013.01 - EP KR US); **C08K 5/105** (2013.01 - KR); **C08K 5/372** (2013.01 - EP US); **C08K 5/526** (2013.01 - EP US); **C08L 23/12** (2013.01 - KR); **C08L 101/00** (2013.01 - KR)

C-Set (source: EP)

1. **C08K 5/005 + C08L 23/12**
2. **C08K 5/103 + C08L 23/12**
3. **C08K 5/372 + C08L 23/12**
4. **C08K 5/526 + C08L 23/12**

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

DE 102020203987 A1 20210930; CN 115362142 A 20221118; CN 115362142 B 20240820; EP 4126810 A1 20230208; JP 2023520351 A 20230517; KR 20220160619 A 20221206; US 2023117792 A1 20230420; WO 2021191078 A1 20210930

DOCDB simple family (application)

DE 102020203987 A 20200327; CN 202180025076 A 20210319; EP 2021057101 W 20210319; EP 21713654 A 20210319; JP 2022558217 A 20210319; KR 20227037102 A 20210319; US 202117906080 A 20210319