

Title (en)

POLYASPARTIC ACID ESTER COMPOSITIONS WHICH CONTAIN POLYASPARTIC ACID ESTERS WITH PRIMARY AMINO GROUPS AND SMALL AMOUNTS OF FUMARIC ACID DIALKYL ESTERS

Title (de)

POLYASPARAGINSÄUREESTER-ZUSAMMENSETZUNGEN ENTHALTEND POLYASPARAGINSÄUREESTER MIT PRIMÄREN AMINOGRUPPEN UND GERINGE MENGEN AN FUMARSÄUREDIALKYLESTER

Title (fr)

COMPOSITIONS D'ESTERS D'ACIDE POLYASPARTIQUE CONTENANT DES ESTERS D'ACIDE POLYASPARTIQUE COMPORTANT DES GROUPES AMINO PRIMAIRE ET DE FAIBLES QUANTITÉS DE DIALKYLESTER D'ACIDE FUMARIQUE

Publication

EP 3684834 A1 20200729 (DE)

Application

EP 18768894 A 20180914

Priority

- EP 17191792 A 20170919
- EP 2018074884 W 20180914

Abstract (en)

[origin: WO2019057626A1] The present invention relates to polyaspartic acid ester compositions which contain polyaspartic acid esters with primary amino groups and small amounts of fumaric acid dialkyl esters, to a method for preparing same and the use thereof as a reactive component for polyisocyanates in two-component polyurethane systems.

IPC 8 full level

C08G 18/79 (2006.01); **C07C 229/24** (2006.01); **C08G 18/38** (2006.01); **C09D 175/02** (2006.01)

CPC (source: EP KR US)

C07C 227/06 (2013.01 - EP KR US); **C07C 227/40** (2013.01 - US); **C07C 229/24** (2013.01 - KR US); **C07C 229/26** (2013.01 - US);
C08G 18/3821 (2013.01 - EP KR US); **C08G 18/792** (2013.01 - EP US); **C09D 175/02** (2013.01 - EP); **C09D 175/04** (2013.01 - KR)

C-Set (source: EP)

C07C 227/06 + C07C 229/24

Citation (examination)

EP 3029128 A1 20160608 - HILTI AG [LI]

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)

EP 3456755 A1 20190320; CN 111065668 A 20200424; CN 111065668 B 20220503; EP 3684834 A1 20200729; JP 2020534297 A 20201126;
JP 7451398 B2 20240318; KR 20200056387 A 20200522; US 11230522 B2 20220125; US 2020216383 A1 20200709;
WO 2019057626 A1 20190328

DOCDB simple family (application)

EP 17191792 A 20170919; CN 201880060583 A 20180914; EP 18768894 A 20180914; EP 2018074884 W 20180914;
JP 2020515951 A 20180914; KR 20207007528 A 20180914; US 201816648344 A 20180914