

Title (en)

HIGH TG ACRYLATE COPOLYMERS WITH NITROGEN-CONTAINING AROMATIC HETEROCYCLIC GROUP

Title (de)

HOCH TG ACRYLATCOPOLYMERE MIT STICKSTOFF ENTHALTENDER AROMATISCHER HETEROCYCLISCHER GRUPPE

Title (fr)

COPOLYMÈRES D'ACRYLATES À HAUTE TG COMPORTANT UN GROUPE HÉTÉROCYCLIQUE AROMATIQUE AZOTÉ

Publication

**EP 4100448 A1 20221214 (DE)**

Application

**EP 21701690 A 20210114**

Priority

- DE 102020201334 A 20200204
- EP 2021050695 W 20210114

Abstract (en)

[origin: WO2021156033A1] The invention relates to a process for the radical polymerization for preparing a copolymer, using specific monomers A, which have a glass transition temperature T<sub>g</sub> of at least 0° and specific monomers B, which contain an aromatic heterocyclic group that contain at least one nitrogen atom in the ring. The invention also relates to copolymers that are obtained by the radical polymerization, to the use of same as accelerators in a curing reagent for adhesive compounds, and to adhesive strips containing same.

IPC 8 full level

**C08F 220/14** (2006.01); **C08F 220/36** (2006.01); **C08F 226/06** (2006.01); **C09J 133/14** (2006.01); **C09J 139/04** (2006.01)

CPC (source: EP US)

**C08F 2/06** (2013.01 - US); **C08F 2/38** (2013.01 - US); **C08F 220/14** (2013.01 - EP US); **C08F 220/36** (2013.01 - EP); **C08F 226/02** (2013.01 - US); **C08F 226/06** (2013.01 - EP US); **C09J 7/38** (2018.01 - US); **C09J 133/14** (2013.01 - EP); **C09J 139/04** (2013.01 - EP); **C08F 2800/10** (2013.01 - US); **C09J 2301/302** (2020.08 - US); **C09J 2301/408** (2020.08 - US); **C09J 2301/414** (2020.08 - US); **C09J 2463/00** (2013.01 - US)

C-Set (source: EP)

1. **C08F 220/36 + C08F 226/06**
2. **C08F 226/06 + C08F 220/36**
3. **C08F 220/14 + C08F 226/06**

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 102020201334 A1 20210805**; CN 115052912 A 20220913; CN 115052912 B 20240709; EP 4100448 A1 20221214; US 2023064702 A1 20230302; WO 2021156033 A1 20210812

DOCDB simple family (application)

**DE 102020201334 A 20200204**; CN 202180012831 A 20210114; EP 2021050695 W 20210114; EP 21701690 A 20210114; US 202117797155 A 20210114