

Title (en)

COMPOSITION FOR PRODUCING A POLYMER, METHOD FOR PRODUCING THE POLYMER, SAID POLYMER, USE OF THE POLYMER, AND ELECTRICALLY DIMMABLE GLAZING COMPRISING THE POLYMER

Title (de)

ZUSAMMENSETZUNG ZUM HERSTELLEN EINES POLYMERS, EIN VERFAHREN ZUM HERSTELLEN DES POLYMERS, BESAGTES POLYMER, DIE VERWENDUNG DES POLYMERS SOWIE EINE ELEKTRISCH DIMMBARE VERGLASUNG, DIE DAS POLYMER UMFASST

Title (fr)

COMPOSITION SERVANT À LA PRODUCTION D'UN POLYMÈRE, PROCÉDÉ DE PRODUCTION DU POLYMÈRE, LEDIT POLYMÈRE, UTILISATION DU POLYMÈRE ET VITRAGE INTELLIGENT ÉLECTROCHROME COMPRENANT LEDIT POLYMÈRE

Publication

**EP 3589667 A1 20200108 (DE)**

Application

**EP 18716483 A 20180302**

Priority

- EP 17159204 A 20170303
- DE 2018100190 W 20180302

Abstract (en)

[origin: WO2018157891A1] The invention relates to a composition for producing a polymer, comprising: a) 20 to 60 wt%, in relation to the total amount of the composition, of at least one monomer; and b) 30 to 60 wt%, in relation to the total amount of the composition, of at least one branched prepolymer, the composition being liquid at room temperature and under normal pressure. The invention further relates to the use of the composition, to a method for producing a polymer by using the composition, and to an electrically dimmable glazing that comprises the polymer.

IPC 8 full level

**C08F 257/02** (2006.01); **B60J 3/04** (2006.01); **C08F 265/06** (2006.01); **G02F 1/00** (2006.01); **H01B 1/00** (2006.01); **H05B 41/392** (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP US)

**C08F 212/08** (2013.01 - US); **C08F 220/1804** (2020.02 - EP US); **C08F 220/1808** (2020.02 - EP US); **C08F 257/02** (2013.01 - EP); **C08F 265/06** (2013.01 - EP US); **C08J 5/18** (2013.01 - US); **E06B 9/24** (2013.01 - US); **G02F 1/1525** (2013.01 - US); **H01B 1/122** (2013.01 - US); **H01B 1/125** (2013.01 - EP); **B60J 3/04** (2013.01 - EP); **C08F 220/1806** (2020.02 - US); **C08F 2800/20** (2013.01 - US); **C08J 2325/10** (2013.01 - US); **C08J 2333/10** (2013.01 - US); **E06B 2009/2464** (2013.01 - US)

Citation (search report)

See references of WO 2018157891A1

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 3369754 A1 20180905**; CN 110573542 A 20191213; DE 112018007205 A5 20201231; EP 3589667 A1 20200108; US 11326012 B2 20220510; US 2019385762 A1 20191219; WO 2018157891 A1 20180907

DOCDB simple family (application)

**EP 17159204 A 20170303**; CN 201880027017 A 20180302; DE 112018007205 T 20180302; DE 2018100190 W 20180302; EP 18716483 A 20180302; US 201816489813 A 20180302