

Title (en)

A METHOD FOR INHIBITING HARMFUL CHEMICALS FORMED IN MANUFACTURED AND SEMI-MANUFACTURED MATERIALS PRODUCED FROM PET

Title (de)

VERFAHREN ZUR HEMMUNG VON SCHÄDLICHEN CHEMIKALIEN, DIE IN AUS PET HERGESTELLTEN FERTIG- UND HALBFERTIGMATERIALIEN AUSGEBILDET WERDEN

Title (fr)

PROCÉDÉ D'INHIBITION DE PRODUITS CHIMIQUES NOCIFS FORMÉS DANS DES MATÉRIAUX FABRIQUÉS ET SEMI-FABRIQUÉS PRODUITS À PARTIR DE PET

Publication

**EP 3710215 A4 20210818 (EN)**

Application

**EP 18879477 A 20181101**

Priority

- TR 201718204 A 20171117
- TR 2018050648 W 20181101

Abstract (en)

[origin: WO2019098979A2] The present invention relates to a method for inhibiting acetaldehyde, carboxyl end groups, and diethylene glycol chemicals in case Mg<sub>2</sub>B<sub>2</sub>O<sub>5</sub> compound in ratio of 0.2% is added into PET during injection. The objective of the present invention is to prevent the formation of harmful chemicals such as acetaldehyde (AA), COOH end group content (COOH), diethylene glycol (DEG) which increase with chemical degradation of PET material in the period passing from raw material to final product.

IPC 8 full level

**B29B 17/00** (2006.01)

CPC (source: EP)

**C08G 63/183** (2013.01); **C08G 63/78** (2013.01)

Citation (search report)

- [A] US 2010273956 A1 20101028 - JENKINS JASON CHRISTOPHER [US], et al
- [A] US 2002128427 A1 20020912 - SCHAAF ECKEHART [DE], et al
- See references of WO 2019098979A2

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

DOCDB simple family (publication)

**WO 2019098979 A2 20190523**; **WO 2019098979 A3 20190613**; EP 3710215 A2 20200923; EP 3710215 A4 20210818

DOCDB simple family (application)

**TR 2018050648 W 20181101**; EP 18879477 A 20181101