

Title (en)

METHOD FOR INCREASING THE MELT FLOW RATE IN A THERMOPLASTIC COMPOSITION

Title (de)

VERFAHREN ZUR ERHÖHUNG DER SCHMELZFLUSSRATE IN EINER THERMOPLASTISCHEN ZUSAMMENSETZUNG

Title (fr)

PROCÉDÉ POUR AUGMENTER L'INDICE DE FLUIDITÉ À L'ÉTAT FONDU DANS UNE COMPOSITION THERMOPLASTIQUE

Publication

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Application

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Abstract (en)

[origin: WO2018074967A1] The present invention refers to a method for increasing the melt flow rate in a polycaprolactone thermoplastic composition, said method comprising the step of adding 0.5- 20.0 % by weight of calcium carbonate to said polycaprolactone thermoplastic composition. The present invention also refers to an article comprising a thermoplastic composition prepared according to said method and to the use of said article for manufacturing of items such as plastic bags and films as well as items produced by casting and molding techniques.

IPC 8 full level

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Citation (search report)

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- [A] CN 103232690 A 20130807 - UNIV SHAANXI SCIENCE & TECH
- [A] JI-ZHAO LIANG ET AL: "Melt flow behavior in capillary extrusion of nanometer calcium carbonate filled PCL bio-composites", POLYMER TESTING, ELSEVIER, AMSTERDAM, NL, vol. 31, no. 1, 12 October 2011 (2011-10-12), pages 149 - 154, XP028124819, ISSN: 0142-9418, [retrieved on 20111020], DOI: 10.1016/J.POLYMERTESTING.2011.10.006
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- See references of WO 2018074967A1

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