

Title (en)  
INHIBITING CALCIUM CARBONATE ADDITIVE

Title (de)  
INHIBIERENDES CALCIUMCARBONATADDITIV

Title (fr)  
ADDITIF À BASE DE CARBONATE DE CALCIUM INHIBITEUR

Publication  
**EP 3510083 A1 20190717 (DE)**

Application  
**EP 17777786 A 20170907**

Priority  
• EP 16001955 A 20160908  
• EP 2017001064 W 20170907

Abstract (en)  
[origin: WO2018046127A1] The invention relates to the use of inhibiting calcium carbonate as an additive for a composition containing at least one polymer different from cellulose, wherein the inhibiting calcium carbonate can be obtained by means of a method in which calcium carbonate particles are coated with a composition that comprises, with respect to the total weight thereof, at least 0.1 wt% of at least one weak acid. The invention further relates to a composition containing at least one polymer different from cellulose and containing inhibiting calcium carbonate, wherein the inhibiting calcium carbonate can be obtained by means of a method in which calcium carbonate particles are coated with a composition that comprises, with respect to the total weight thereof, at least 0.1 wt% of at least one weak acid. Preferred areas of application of the composition include the use of the composition in food packaging, in products for agriculture and gardening, in catering articles, in office articles, in medical products, in composite materials, and/or in 3-D printing methods.

IPC 8 full level  
**C08J 3/20** (2006.01); **C08J 5/00** (2006.01); **C08K 3/26** (2006.01); **C08K 9/02** (2006.01); **C08K 9/04** (2006.01); **C09C 1/02** (2006.01)

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**C08G 63/08** (2013.01 - US); **C08J 3/124** (2013.01 - EP RU); **C08J 3/203** (2013.01 - EP RU); **C08J 5/00** (2013.01 - RU); **C08K 3/26** (2013.01 - RU US); **C08K 7/18** (2013.01 - US); **C08K 9/02** (2013.01 - EP RU US); **C08K 9/04** (2013.01 - EP RU); **C08L 67/04** (2013.01 - RU); **C09C 1/021** (2013.01 - EP); **C09C 1/024** (2013.01 - EP RU US); **C09C 3/063** (2013.01 - RU); **C01P 2004/03** (2013.01 - EP US); **C01P 2004/32** (2013.01 - EP US); **C01P 2004/54** (2013.01 - US); **C01P 2004/80** (2013.01 - US); **C08J 2367/04** (2013.01 - EP); **C08K 2003/265** (2013.01 - EP US); **C08K 2201/016** (2013.01 - US); **C08K 2201/018** (2013.01 - EP)

C-Set (source: EP)  
1. **C08K 9/04 + C08L 67/04**  
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Designated contracting state (EPC)  
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