

Title (en)

PLASTICS COLORING USING COTTONSEED OIL-BASED LIQUID COLOR COMPOSITIONS

Title (de)

KUNSTSTOFFFÄRBUNG UNTER VERWENDUNG VON FLÜSSIGEN FARBZUSAMMENSETZUNGEN AUF BAUMWOLLSAMENÖLBASIS

Title (fr)

COMPOSITIONS COLORÉES LIQUIDES À BASE D'HUILE DE GRAINE DE COTON POUR COLORER DES PLASTIQUES

Publication

EP 4139386 A4 20240501 (EN)

Application

EP 21792302 A 20210423

Priority

- US 202016856431 A 20200423
- US 2021028949 W 20210423

Abstract (en)

[origin: WO2021217074A1] A method of fabricating plastic products having a preselected color, comprising preparing a dispersion of pigment of the preselected color in cottonseed oil; supplying a preselected plastic resin for the product to be fabricated to a process machine having a rotating screw; furnishing the dispersion to the process machine at a position adjacent to threaded portion of the rotating screw; and blending the dispersion and the resin by rotating the screw.

IPC 8 full level

C08J 3/205 (2006.01); **B29C 48/29** (2019.01); **C08K 3/013** (2018.01); **C08K 5/00** (2006.01); **C08K 5/103** (2006.01); **B29C 45/00** (2006.01); **B29C 48/00** (2019.01)

CPC (source: EP)

B29C 48/29 (2019.02); **C08J 3/2053** (2013.01); **C08K 3/013** (2018.01); **C08K 5/0041** (2013.01); **C08K 5/005** (2013.01); **C08K 5/103** (2013.01); **B29C 45/0001** (2013.01); **B29C 48/022** (2019.02); **B29K 2105/0032** (2013.01); **B29K 2995/002** (2013.01); **C08J 2300/30** (2013.01); **C08J 2325/06** (2013.01); **C08J 2327/06** (2013.01); **C08J 2327/18** (2013.01); **C08J 2379/08** (2013.01); **C08J 2491/00** (2013.01)

Citation (search report)

- [XAI] US 2018155523 A1 20180607 - MAGUIRE STEPHEN B [US]
- [X] EP 2415841 A2 20120208 - KAFRIT IND 1993 LTD [IL]
- [A] US 2019203015 A1 20190704 - MAGUIRE STEPHEN B [US]
- [A] US 2010089289 A1 20100415 - MAHIAT BERNARD [BE], et al
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- See also references of WO 2021217074A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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