

Title (en)

BIODEGRADABLE BRIGHT STOCK PREPARATION AND A METHOD OF MANUFACTURING THEREOF

Title (de)

BIOLOGISCH ABBAUBARE BRIGHTSTOCK-ZUBEREITUNG UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

PRÉPARATION DE BRIGHT STOCK BIODÉGRADABLE ET SON PROCÉDÉ DE FABRICATION

Publication

EP 4237518 A1 20230906 (EN)

Application

EP 21819170 A 20211027

Priority

- GB 202017170 A 20201029
- GB 2021052789 W 20211027

Abstract (en)

[origin: WO2022090712A1] The present invention provides feed composition for manufacturing a biodegradable bright stock. The composition comprises a vegetable oil and a mineral oil. The vegetable oil is formed from one of the following: a) a rapeseed oil containing >2% erucic acid and having a polyunsaturated fatty acid content below 10%; b) high erucic acid rapeseed (>50% erucic acid) oil with low polyunsaturated fatty acid content ($\leq 25\%$); c) high oleic acid rapeseed (>50% oleic acid) oil with low polyunsaturated fatty acid content ($\leq 25\%$); or d) a blend of any of the above rapeseed oils and linseed oil having an iodine value (IV) in the range of 80-120 gI2/100g. The mineral oil is a high viscosity hydrotreated naphthenic oil. Also provided are bright stock compositions utilizing the feed composition defined herein, and a method for making a bright stock or feed composition for a bright stock.

IPC 8 full level

C10M 109/02 (2006.01)

CPC (source: EP)

C10M 109/02 (2013.01)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022090712 A1 20220505; EP 4237518 A1 20230906; GB 202017170 D0 20201216

DOCDB simple family (application)

GB 2021052789 W 20211027; EP 21819170 A 20211027; GB 202017170 A 20201029