

Title (en)

BIOMASS FUEL PELLETS INCORPORATING WAX COMPOSITIONS

Title (de)

BIOMASSEBRENNSTOFFPELLETS MIT WACHSZUSAMMENSETZUNGEN

Title (fr)

PASTILLES DE COMBUSTIBLE DE BIOMASSE INCORPORANT DES COMPOSITIONS DE CIRE

Publication

EP 3658652 A1 20200603 (EN)

Application

EP 18749706 A 20180717

Priority

- US 201762538255 P 20170728
- US 2018042401 W 20180717

Abstract (en)

[origin: WO2019022994A1] A wax composition can be incorporated into a biomass mixture, such as a woody biomass mixture, for formation of pellets, such as wood fuel pellets. The addition of wax compositions with suitable amounts of n-paraffins relative to the amount of oil-in-wax can result in biomass pellets with improved properties, such as improved durability and/or reduced tendency to uptake moisture during storage. Addition of a suitable wax composition can also allow for formation of biomass pellets with improved properties while also reducing or minimizing the power requirements during pellet formation.

IPC 8 full level

C10L 5/14 (2006.01); **C10L 5/36** (2006.01); **C10L 5/44** (2006.01)

CPC (source: EP US)

C10L 5/146 (2013.01 - EP US); **C10L 5/363** (2013.01 - EP US); **C10L 5/44** (2013.01 - EP US); **C10L 5/442** (2013.01 - EP US); **C10L 10/02** (2013.01 - US); **C10L 2200/0469** (2013.01 - US); **C10L 2290/08** (2013.01 - EP US); **C10L 2290/141** (2013.01 - EP US); **C10L 2290/18** (2013.01 - EP US); **C10L 2290/22** (2013.01 - EP US); **C10L 2290/24** (2013.01 - EP US); **C10L 2290/28** (2013.01 - EP US); **C10L 2290/30** (2013.01 - EP US); **C10L 2290/60** (2013.01 - EP US); **Y02E 50/10** (2013.01 - EP); **Y02E 50/30** (2013.01 - EP)

Citation (search report)

See references of WO 2019022994A1

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

DOCDB simple family (publication)

WO 2019022994 A1 20190131; **WO 2019022994 A8 20191121**; CA 3069535 A1 20190131; EP 3658652 A1 20200603; SG 11201912435R A 20200227; US 2019031972 A1 20190131

DOCDB simple family (application)

US 2018042401 W 20180717; CA 3069535 A 20180717; EP 18749706 A 20180717; SG 11201912435R A 20180717; US 201816037284 A 20180717