

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)

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Designated extension state (EPC)

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