

Title (en)

METHOD FOR UTILIZING SLUDGES FROM WOOD PULPING

Title (de)

VERFAHREN ZUR NUTZUNG VON SCHLÄMMEN AUS HOLZZELLSTOFFEN

Title (fr)

PROCÉDÉ D'UTILISATION DES BOUES PROVENANT DE LA FABRICATION DE LA PÂTE DE BOIS

Publication

**EP 4127110 A1 20230208 (EN)**

Application

**EP 21775698 A 20210208**

Priority

- SE 2050328 A 20200325
- SE 2021050092 W 20210208

Abstract (en)

[origin: WO2021194403A1] A method for production of fuel pellets or briquettes from surplus lignocellulose containing biomass of tree material used in a Kraft pulping process. The method comprises separating (21) the tree material into wood material and surplus lignocellulose containing biomass, processing (22) the wood material in the Kraft pulping process to produce pulp, withdrawing (23) at least one effluent from the Kraft pulping process to a waste water treatment plant, treating (24) the at least one effluent to obtain at least one sludge, reducing (25) the water content of the at least one sludge to obtain dewatered sludge, adding (29) at least a portion of the dewatered sludge to at least a portion of the surplus lignocellulose containing biomass to obtain a biomass and sludge mixture, and densifying (210) the mixture to form fuel pellets or briquettes.

IPC 8 full level

**C10L 5/44** (2006.01); **C02F 11/12** (2006.01); **C10L 5/48** (2006.01); **D21C 11/00** (2006.01)

CPC (source: EP SE)

**C02F 1/5245** (2013.01 - EP); **C02F 11/12** (2013.01 - SE); **C02F 11/122** (2013.01 - EP); **C02F 11/13** (2019.01 - EP); **C10L 5/20** (2013.01 - EP); **C10L 5/361** (2013.01 - EP); **C10L 5/363** (2013.01 - EP); **C10L 5/44** (2013.01 - EP SE); **C10L 5/48** (2013.01 - SE); **C10L 9/08** (2013.01 - EP); **D21C 11/0007** (2013.01 - SE); **C02F 2103/28** (2013.01 - EP SE); **C02F 2301/066** (2013.01 - EP); **C02F 2303/06** (2013.01 - EP); **C02F 2303/26** (2013.01 - EP); **C10L 5/442** (2013.01 - EP); **C10L 5/48** (2013.01 - EP); **C10L 2290/08** (2013.01 - EP); **C10L 2290/24** (2013.01 - EP); **C10L 2290/28** (2013.01 - EP); **C10L 2290/30** (2013.01 - EP); **C10L 2290/48** (2013.01 - EP); **C10L 2290/50** (2013.01 - EP); **Y02E 50/10** (2013.01 - EP); **Y02E 50/30** (2013.01 - EP)

Designated contracting state (EPC)

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