

Title (en)

PROCESS FOR PRODUCING LIGNIN PARTICLES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON LIGNINPARTIKELN

Title (fr)

PROCÉDÉ POUR LA PRÉPARATION DE PARTICULES DE LIGNINE

Publication

**EP 3814401 A1 20210505 (DE)**

Application

**EP 19739851 A 20190627**

Priority

- AT 505272018 A 20180627
- AT 2019060209 W 20190627

Abstract (en)

[origin: WO2020000008A1] Described is a process for producing lignin particles in the context of a continuous process wherein a particle-free lignin-containing solution and a precipitation agent are combined in a mixing apparatus and subsequently passed out of the mixing apparatus again, wherein a mixing efficiency of the lignin-containing solution with the precipitation agent of at least 90% and a precipitation of lignin particles are achieved to form a suspension of lignin particles, characterized in that the residence time in the mixing apparatus does not exceed a duration of 30 seconds.

IPC 8 full level

**C08H 7/00** (2011.01); **C08L 97/00** (2006.01)

CPC (source: AT EP KR US)

**C07G 1/00** (2013.01 - AT KR); **C08H 6/00** (2013.01 - EP KR); **C08J 3/14** (2013.01 - US); **C08L 97/005** (2013.01 - AT EP KR); **B82Y 40/00** (2013.01 - AT KR); **C08J 2397/00** (2013.01 - US)

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Designated extension state (EPC)

BA ME

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**WO 2020000008 A1 20200102**; AT 521393 A1 20200115; AT 521393 B1 20210215; AU 2019295395 A1 20210121; AU 2019295395 B2 20240201; CA 3104550 A1 20200102; CN 112543782 A 20210323; CN 112543782 B 20230404; EP 3814401 A1 20210505; JP 2021529849 A 20211104; JP 7448750 B2 20240313; KR 102703703 B1 20240904; KR 20210054503 A 20210513; US 2021261742 A1 20210826

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