

Title (en)

A METHOD AND ARRANGEMENT IN A BATCH PULP PRODUCTION PROCESS

Title (de)

VERFAHREN UND ANORDNUNG IN EINEM CHARGENZELLSTOFFHERSTELLUNGSVERFAHREN

Title (fr)

PROCÉDÉ ET AGENCEMENT DANS UN PROCÉDÉ DE PRODUCTION DE PÂTE PAR LOTS

Publication

**EP 3947807 A4 20230104 (EN)**

Application

**EP 20782370 A 20200309**

Priority

- SE 1950405 A 20190402
- SE 2020050253 W 20200309

Abstract (en)

[origin: WO2020204780A1] A method for extracting hydrolysate in a batch cooking process for producing pulp, a hydrolysate extracting arrangement and a batch cooking system. Said method comprising the steps of: -providing lignocellulose raw material to a batch cooking vessel; -performing acid hydrolysis of the lignocellulose raw material in the batch cooking vessel; -removing hydrolysate from the batch cooking vessel; and -cooling the removed hydrolysate on its way from the batch cooking vessel to a hydrolysate extracting tank to less than 140 °C as soon as possible after removal from the batch cooking vessel, wherein cooling is performed within a time period of 0-2 minutes from when the hydrolysate is leaving the batch cooking vessel.

IPC 8 full level

**D21C 1/02** (2006.01); **D21C 1/04** (2006.01); **D21C 3/02** (2006.01); **D21C 9/00** (2006.01); **D21C 11/00** (2006.01)

CPC (source: EP SE)

**D21C 1/02** (2013.01 - EP SE); **D21C 1/04** (2013.01 - EP SE); **D21C 3/02** (2013.01 - EP); **D21C 5/00** (2013.01 - EP); **D21C 9/008** (2013.01 - EP); **D21C 11/0007** (2013.01 - EP); **C12P 2201/00** (2013.01 - SE)

Citation (search report)

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- [Y] WO 2017088061 A1 20170601 - IOGEN ENERGY CORP [CA]
- [Y] US 4668340 A 19870526 - SHERMAN MICHAEL I [US]
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Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 2020204780 A1 20201008**; BR 112021012894 A2 20211109; CN 113692464 A 20211123; CN 113692464 B 20220916; EP 3947807 A1 20220209; EP 3947807 A4 20230104; SE 1950405 A1 20201003; SE 543924 C2 20210928; ZA 202104455 B 20231129

DOCDB simple family (application)

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