

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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- See also references of WO 2020204780A1

Designated contracting state (EPC)

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DOCDB simple family (application)

SE 2020050253 W 20200309; BR 112021012894 A 20200309; CN 202080025317 A 20200309; EP 20782370 A 20200309; SE 1950405 A 20190402; ZA 202104455 A 20210628