

Title (en)

METHOD FOR PURIFYING TURPENTINE CONDENSATE FROM TRS

Title (de)

VERFAHREN ZUR REINIGUNG VON TERPENTINKONDENSAT AUS TRS

Title (fr)

PROCÉDÉ DE PURIFICATION DE CONDENSAT DE TÉRÉBENTHINE À PARTIR DE TRS

Publication

EP 3828336 A1 20210602 (EN)

Application

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Priority

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Abstract (en)

The present invention describes a method for cleaning turpentine condensate (1) from total reduced sulphur (TRS) compounds which turpentine condensate is obtained by cooking soft wood pulp in a pulp mill. In the method obtained turpentine condensate (1) is collected and passed to a column (4) supplied with a steam input (5) whereby said steam input contacts said turpentine condensate (1). The TRS compounds is thereby totally or partially removed into a first gas stream (6) which is passed to a condenser (7). The first gas stream (6) is condensed out for obtaining a turpentine condensate (9) which is recycled to said column (4) and a second gas stream (11) is passed to a second condenser (12) from which a condensate (15) is obtained containing impure TRS-containing condensate. At the bottom of column (4) a purified turpentine condensate (17) is obtained and removed.

IPC 8 full level

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Citation (search report)

- [A] US 4915784 A 19900410 - REYNOLDS ELLIS W [US]
- [A] US 4925527 A 19900515 - RYHAM ROLF [US]
- [A] WO 9937853 A1 19990729 - MO OCH DOMSJÖE AB [SE], et al
- [A] WO 0149928 A1 20010712 - VALMET CHEMICAL PULPING OY [FI], et al
- [A] WO 0001879 A1 20000113 - PAPSEA AB [SE], et al
- [A] US 3745063 A 19730710 - FISHER J
- [A] WO 2014201555 A1 20141224 - FPINNOVATIONS [CA]
- [A] WO 2017053342 A1 20170330 - VEOLIA WATER TECH INC [US]

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