

Title (en)

PRESSURIZED DISC FILTER FOR CAUSTICIZATION LIQUORS CONTAINING LIME MUD

Title (de)

DRUCKBEAUFSCHLAGTER SCHEIBENFILTER FÜR KAUSTIFIZIERUNGSFLÜSSIGKEITEN, DIE KALKSCHLAMM ENTHALTEN

Title (fr)

FILTRE À DISQUE SOUS PRESSION POUR LIQUEURS DE CAUSTIFICATION CONTENANT DE LA BOUE DE CHAUX

Publication

EP 3606636 A4 20210106 (EN)

Application

EP 18780721 A 20180404

Priority

- SE 1750424 A 20170407
- SE 2018050354 W 20180404

Abstract (en)

[origin: WO2018186795A1] The invention relates to an improvement in pressurized disc filters used for the filtering of causticization liquors containing lime mud particles. According to the inventive method and design, the liquor level in the vat of the disc filter is raised above the rotating shaft of the disc filter, thereby reducing the power rating in compressors used to pressurize the filter. By applying an operating pressure that lies 1-2 bar higher than conventional pressurized disc filters used in the causticization field, sufficient dryness of the lime mud can still be obtained, and the pressure losses through the precoat are substantially reduced.

IPC 8 full level

B01D 33/21 (2006.01); **D21C 11/00** (2006.01); **D21C 11/04** (2006.01)

CPC (source: EP SE)

B01D 33/21 (2013.01 - EP SE); **B01D 33/807** (2013.01 - EP); **B01D 33/808** (2013.01 - EP); **B01D 33/82** (2013.01 - EP); **D21C 11/00** (2013.01 - EP SE); **D21C 11/04** (2013.01 - EP SE)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2018186795 A1 20181011; BR 112019019801 A2 20200422; CL 2019002845 A1 20191227; CN 110475596 A 20191119; EP 3606636 A1 20200212; EP 3606636 A4 20210106; SE 1750424 A1 20180925; SE 540553 C2 20180925

DOCDB simple family (application)

SE 2018050354 W 20180404; BR 112019019801 A 20180404; CL 2019002845 A 20191004; CN 201880023050 A 20180404; EP 18780721 A 20180404; SE 1750424 A 20170407