

Title (en)  
ROTARY PRESSURE FILTER MODULE

Title (de)  
DRUCKDREHFILTERMODUL

Title (fr)  
MODULE À FILTRE ROTATIF SOUS PRESSION

Publication  
**EP 3866945 A1 20210825 (DE)**

Application  
**EP 19723051 A 20190503**

Priority  
• DE 102018218907 A 20181106  
• EP 2019061345 W 20190503

Abstract (en)  
[origin: WO2020094262A1] The invention relates to a rotary pressure filter module (100) which comprises a rotary pressure filter (200) with a plurality of supply lines (302, 318, 230) for supplying a suspension, washing medium, drying medium, and optionally other operating media to be filtered and with a plurality of discharge lines (314, 226, 348) for discharging mother filtrate, washing filtrate, and filter cakes, wherein the supply lines and the discharge lines are paired with different sensor devices (306/308/310, 322/324, 334/336, 316, 328, 349), and the supply lines are additionally paired with adjustment devices. The rotary pressure filter module (100) additionally comprises a controller (400) which is connected to the sensor devices and the adjustment devices. According to the invention, the decentralized controller (400) paired with the rotary pressure filter (200) is arranged on the rotary pressure filter (200) or in the immediate vicinity thereof and has a signal input, via which the controller can be connected to a central controller of a higher-level production system so as to exchange data, said central controller not belonging to the rotary pressure filter module (100).

IPC 8 full level  
**B01D 33/06** (2006.01); **B01D 33/09** (2006.01); **B01D 33/46** (2006.01); **B01D 33/60** (2006.01); **B01D 33/66** (2006.01); **B01D 33/80** (2006.01); **B01D 37/04** (2006.01)

CPC (source: EP KR US)  
**B01D 33/06** (2013.01 - EP); **B01D 33/09** (2013.01 - EP KR US); **B01D 33/463** (2013.01 - EP KR US); **B01D 33/466** (2013.01 - EP KR US); **B01D 33/60** (2013.01 - EP KR US); **B01D 33/663** (2013.01 - EP KR US); **B01D 33/801** (2013.01 - EP KR US); **B01D 33/804** (2013.01 - EP KR US); **B01D 37/04** (2013.01 - EP KR)

Citation (search report)  
See references of WO 2020094262A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 102018218907 A1 20200507**; CN 112996582 A 20210618; CN 112996582 B 20220426; EP 3866945 A1 20210825; JP 2022504113 A 20220113; KR 20210083277 A 20210706; US 2021387116 A1 20211216; WO 2020094262 A1 20200514

DOCDB simple family (application)  
**DE 102018218907 A 20181106**; CN 201980072849 A 20190503; EP 19723051 A 20190503; EP 2019061345 W 20190503; JP 2021518145 A 20190503; KR 20217013333 A 20190503; US 201917290952 A 20190503