

Title (en)  
SYSTEM FOR PROCESS WATER TREATMENT

Title (de)  
ANLAGE ZUR PROZESSWASSERBEHANDLUNG

Title (fr)  
INSTALLATION POUR TRAITER UNE EAU DE TRAITEMENT

Publication  
**EP 3559342 A1 20191030 (DE)**

Application  
**EP 17801678 A 20171116**

Priority  
• DE 102016125303 A 20161222  
• EP 2017079411 W 20171116

Abstract (en)  
[origin: WO2018114153A1] The invention relates to a system for the treatment of process water of a machine for producing and/or finishing a paper web, cardboard web, tissue web or another fibrous web, wherein the process water is divided in a sorting or filtering device (1) into a plurality of part fractions (9, 10) with different proportions of fibres. Here, the quality of the process water is to be improved by virtue of the fact that at least two part fractions (9, 10) are conducted at least partially over at least one predefined time period to a common washing device (2), the fine fraction (12) of said washing device (2) is guided to a flotation device (3), and the accepted stock (15) of said flotation device (3) is fed to the machine or an upstream process for the treatment of a fibrous stock suspension.

IPC 8 full level  
**D21D 99/00** (2006.01); **D21F 1/66** (2006.01); **D21F 1/70** (2006.01)

CPC (source: EP)  
**D21D 99/00** (2013.01); **D21F 1/66** (2013.01); **D21F 1/70** (2013.01)

Citation (search report)  
See references of WO 2018114153A1

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)  
**WO 2018114153 A1 20180628**; CN 109983175 A 20190705; CN 109983175 B 20210309; DE 102016125303 A1 20180628; DE 102016125303 B4 20181227; EP 3559342 A1 20191030; EP 3559342 B1 20201230

DOCDB simple family (application)  
**EP 2017079411 W 20171116**; CN 201780071918 A 20171116; DE 102016125303 A 20161222; EP 17801678 A 20171116