

Title (en)

WATER TREATMENT SYSTEM AND METHOD FOR A WHEEL WASHING ARRANGEMENT

Title (de)

WASSERBEHANDLUNGSSYSTEM UND -VERFAHREN FÜR EINE RADWASCHANLAGE

Title (fr)

SYSTÈME ET PROCÉDÉ DE TRAITEMENT D'EAU POUR UN AGENCEMENT DE LAVAGE DE ROUES

Publication

EP 3810554 A1 20210428 (EN)

Application

EP 19762843 A 20190619

Priority

- SE 1830200 A 20180620
- IB 2019055159 W 20190619

Abstract (en)

[origin: SE1830200A1] Disclosed is a water treatment system for removing contaminants from contaminated water. The system comprises a wheel washing arrangement for cleaning wheels of vehicles using water, and a water treating arrangement operatively coupled to the wheel washing arrangement for removing contaminants from contaminated water discharged from the wheel washing arrangement. The water treating arrangement comprises a flocculation chamber for allowing removal of the contaminants from contaminated water by flocculation, wherein the flocculation chamber includes a water outlet, a flocculation powder regulation device for introducing a controlled amount of flocculation powder into the flocculation chamber, a filtration tank operatively coupled to the flocculation chamber for filtering the flocculation powder mixed contaminated water discharged through the water outlet, and a drainage unit operatively coupled to the filtration tank for discharging water filtered by the filtration tank.

IPC 8 full level

C02F 1/52 (2006.01); **B60S 3/04** (2006.01); **C02F 1/00** (2006.01); **C02F 101/20** (2006.01); **C02F 101/22** (2006.01); **C02F 103/44** (2006.01)

CPC (source: EP RU SE)

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Citation (search report)

See references of WO 2020021355A1

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DOCDB simple family (application)

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